

Vital statistics of Towns with a population of 50,000 and over of the Bengal Presidency for the week ending Saturday, the 10th April 1920.

POPULATION UNDER REGISTRATION ACCORDING TO CENSUS OF 1911.										BIRTHS REGISTERED.		DEATHS REGISTERED.							
District.	No.	Towns.	Total.		Total.	Number registered (excluding still-borns).	Still-born number registered.	Cholera.	Small-pox.	Typhus.	Fever.	Dysentery and diarrhoea.	Respira- tory diseases.	Injuries.	Other causes.	Total, all causes.			
			Male.	Female.												Male.	Female.	Total.	
Calcutta	1	Calcutta	607,674	288,393	896,067	257	17	64	50	13	73	70	172	11	233	413	303	716	
Howrah	2	Howrah	114,829	64,560	179,389	51	4	9	19	...	28	14	22	...	43	82	53	135	
Dacca	3	Dacca	63,091	45,460	108,551	96	...	14	1	...	42	4	18	...	13	49	43	92	
24 Parganas	4	Maniktala	31,785	23,082	58,767	13	2	9	16	...	11	3	11	...	13	29	34	63	
	5	Bhatpara	24,789	15,675	50,414	12	...	1	1	...	7	...	...	1	...	5	5	10

S. L.—As the weekly statement has been tabulated from the 10th January 1920 according to Government of Bengal, Municipal Department, letter No. 1293 San. dated the 10th December 1919, figures for the column "Total of corresponding week of the previous year" are not available and therefore this column is omitted from the statement.

* Including deaths from Indigestion.

CALCUTTA.

The 20th May 1920.

CHAS. A. BENTLEY.

Sanitary Commissioner for Bengal.

Vital statistics of Towns with a population of 50,000 and over of the Bengal Presidency for the week ending Saturday, the 17th April 1920.

District.	No.	Towns.	POPULATION UNDER REGISTRATION ACCORDING TO CENSUS OF 1911.			BIRTHS REGISTERED.		DEATHS REGISTERED.										Total, all causes. Neither. Female. Total.		
			Male.	Female.	Total.	Number registered (excluding still births).	Still born number registered.	Diphtheria.	Small-pox.	Typhus.	Typhoid and shartrina.	Hepatic ery diagnosis.	Other causes.							
Calcutta	1	Calcutta	607,674	288,393	896,067	267	17	72	97	7	89	66	203	414	308	722				
Howrah	2	Howrah	114,829	64,560	179,389	40	5	8	7	...	37	25	52	87	71	158				
Dacca	3	Dacca	63,091	45,450	108,541	54	Figures not furnished	6	...	...	57	2	17	65	48	113		
24-Parganas	4	Maniktala	31,785	22,032	53,817	12	Do	9	9	...	14	1	14	35	36	71				
	5	Bhatpara	34,739	15,575	50,314	7	...	1	1	...	1	1	3	6	2	8				

N.B.—As the weekly statement has been introduced from the 10th January 1920 according to Government of Bengal, Ministry of Department, letter No. 124055, dated the 10th December 1919, the figures for the column "Total of corresponding week of the previous year" are not available and therefore this column is omitted from the statement.

* Including deaths from Infants.

CALCUTTA,
The 20th May 1920.

CHAS. A. BENTLEY,
Sanitary Commissioner for Bengal.

DEPARTMENT OF STATISTICS, INDIA

CALCUTTA TRADE FLUCTUATIONS

THE following tables are intended to show the trade by all routes, i.e., by rail, river, canal, road, and sea, of the Calcutta block* in certain selected articles during the twelve months, April, 1919, to March, 1920, as compared with the corresponding period of 1918-19 and 1917-18. The statistics have been compiled from returns furnished by the Collector of Customs, Calcutta, Railway Audit Offices, Steamer Companies, the Commissioners for the Port of Calcutta, the Collectors of the 24-Pargannas and Howrah, and the Assistant Engineer, Calcutta Canals.

General Summary

Imports.—The imports of rice, including paddy†, into Calcutta* by rail, river, canal, road, and sea (coastwise) during the twelve months, April, 1919, to March, 1920, amounted to 21,960,000 maunds, as against 19,973,000 maunds in the corresponding period of the preceding year—an increase of 10 per cent. There was an increase of 15 per cent in the imports of coal and coke (100,772,000 maunds as against 87,731,000 maunds last year). The imports by rail, river, road, and sea (coastwise) of Indian cotton piecegoods showed an increase of 60 per cent, the total value amounting to Rs. 9.83 lakhs as against Rs. 6.14 lakhs in 1918-19. The quantity of indigo imported during the twelve months, April, 1919, to March, 1920, increased from 17,811 maunds to 18,631 maunds. The imports of raw jute amounted to 5,119,000 bales as against 4,867,000 bales—an increase of 5 per cent in the period under report. The imports of gunny bags showed a decrease of 8 per cent (408 million bags as against 446 millions in the preceding year). The total imports of oilseeds (linseed and rape and mustard seed) decreased by 16 per cent from 7,250,000 maunds to 6,080,000 maunds. The imports of sugar decreased by 8 per cent from 725,000 maunds to 666,000 maunds, and those of tea increased by 7 per cent from 3,095,000 maunds to 3,321,000 maunds.

Exports.—The exports of cotton piecegoods, foreign, from Calcutta by all routes during the twelve months, April, 1919, to March, 1920, increased by 13 per cent (Rs. 30.49 lakhs as against Rs. 27.03 lakhs last year). The exports of gunny bags (including the exports by sea to foreign countries) decreased from 1,275 million to 1,101 million bags, but the shipments of gunny bags to other Indian ports decreased from 49 millions to 45 millions in number in the period under review. The quantity of kerosene oil despatched from Calcutta and Budge-Budge by internal routes and by sea (coastwise) increased from 4,684,000 maunds to 5,778,000 maunds, or by 23 per cent.

* The Calcutta block consists of the town of Calcutta with Howrah and Kidderpore Docks.

† One maund of paddy is equivalent to 25 acres of rice.

TABLE I

Trade of Calcutta in certain selected articles in the twelve months, April, 1919, to March, 1920, compared with the corresponding months of 1918-19.

	IMPORTS		EXPORTS	
	BY RAIL, ROAD, RIVER, CANAL, AND SEA (INLANDWISE) (a)		BY SEA (FOREIGN AND COASTWISE)	
	April, 1919, to March, 1920	April, 1918, to March, 1919	April, 1919, to March, 1920	April, 1918, to March, 1919
Food-grains—				
Rice Mds	19,330,940	17,849,949	3,906,846	3,323,360
Poddy "	3,944,698	4,199,813	137,872	76,796
Total (in rice) (b) ... "	21,990,787	19,978,000	3,999,990	3,870,628
Wheat "	3,639,864	3,166,197	88,139	778,813
Wheat flour "	199,441	86,409	438,120	408,171
Gram and pulse "	4,614,786	4,190,389	1,843,808	1,173,047
Other food-grains "	236,428	671,467	55,591	41,817
Total food-grains "	21,472,066	23,071,262	3,216,674	5,770,974
Oil and cake "	100,781,177	81,731,342	76,707,984	6,714,249
Cotton, raw Bales	244,711	309,745	139,309	26,898
" twist and yarn, Indian Mds	894,406	884,661	954,849	94,988
" piece-goods, Indian Rs	9,99,79,099	9,18,81,399	1,99,89,221	1,19,01,118
Indigo Mds	18,881	17,811	91,839	21,094
Jute, raw Bales	9,119,291	4,846,891	3,070,000	2,109,018
" gunny bags No	493,391,458	446,109,575	1,021,440,098	1,361,370,039
Lac Mds	876,599	263,916	484,317	313,413
Oilseeds—Linseed "	3,381,821	4,057,867	3,879,260	3,410,746
" Rape and mustard "	2,548,110	3,182,571	97,743	308,905
Silk, raw "	3,849	9,130	6,269	3,430
Sugar—Refined "	12,024	151,681	367,602	74,299
" Unrefined "	582,854	572,968	40,000	4,399
Tea (Indian) "	3,391,303	3,066,474	3,969,791	3,763,376
Tobacco—unmanufactured "	667,610	626,847	329,671	307,198
" manufactured "	65,614	87,883	18,967	7,861
	IMPORTS		EXPORTS	
	BY SEA (FOREIGN AND COASTWISE) (d)		BY RAIL, ROAD, RIVER, CANAL, AND SEA (INLANDWISE)	
	April, 1919, to March, 1920	April, 1918, to March, 1919	April, 1919, to March, 1920	April, 1918, to March, 1919
Cotton twist and yarn—foreign Mds	50,861	109,066	186,223	326,333
" —Indian "	39,842	17,036	450,319	894,757
" piece-goods—foreign Rs	36,37,13,341	30,97,09,937	30,69,87,691	27,03,13,9923
" —Indian "	2,06,00,439	28,08,829	8,57,54,183	2,96,56,411
Kerosene oil (c) Mds	5,448,896	4,899,374	6,777,065	4,444,316
Salt "	19,994,061	9,269,399	9,848,027	7,940,384
Gunny bags No	...	...	124,082,901	143,378,324

(a) The imports by sea are coastal imports from other Indian ports only.

(b) One maund of poddy is equivalent to 15 seers of rice.

(c) Including figures of Budge-Budge trade.

(d) The imports by sea include imports from other Indian ports, together with imports from foreign countries.

TABLE

Imports of Principal Articles into the Calcutta Trade Block by Rail, Road, River,

Whence Imported	Food-grains								Coal and coke	Cotton, raw	Cotton twist and yarn, Indian (b)	Cotton piece goods, Indian (b) (c)	
	Rice and paddy			Wheat	Wheat four	Gram and pulse	Other food-grains	Total					
	Rice	Paddy (a)	Total (in ster)										
MONTHLY	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Bales of 400 lbs each	Mds	Rs.	
Burdwan	307,373	494,849	802,222	2,069	367	39,788	346	876,133	33,333,316		55	16,876	
Hubbom	344,138	10,234	354,372	3,674	49	1,709	5	364,909		4	133	3,337	
Banbura	8,491	78,304	86,795	3	34	1,339	1	36,506	173	6	394	30,514	
Midnapur	2,594,439	109,713	2,704,152		51	14,399	130	1,630,039	1,377	136	1,308	3,11,089	
Hooghly	306,700	232,894	539,594	1,383	313	44,377	13,936	1,346,533	309,347	58	47,101	33,33,333	
24-Parganas	2,176,539	1,298,600	3,475,139	443	86	34,635	3,680	3,029,833	180,336	1,133	34,378	9,00,700	
Nadia	24,773	51,744	76,517	33,414	4,331	733,335	40,180	807,935	3	1,063	403	1,43,013	
Murshidabad	115,873	6,027	121,900	63,373	613	318,610	30,002	436,645	30	34	30	3,000	
Jessore	107,333	79,060	186,393	307	51	308,434	3,303	410,433		1,373	49	1,564	
Khulna	163,733	637,377	801,110	2,318	34	37,438	314	604,301		373	5	4,363	
Rajshahi	6,373	353	6,726	13,396	300	111,343		121,351		10		4,430	
Dinajpur	31,018	137,311	168,329	33		3,643	347	118,964		13	0	130	
Jalpaiguri	439	1,333	1,772	306	34			3,043		7	3	340	
Dumfriesburg	383	1,736	2,119				18	30	1,490			1,490	
Barisal	8,130	7,059	15,189	9,373	5	3,333	1,063	36,516		1,073	23	3,300	
Bogra	37,338	269,700	307,038	33		3,373	3,371	341,136		30	11	4,130	
Patna	3,443	173	3,616	37,009	1,373	103,703	337	336,143		0	39	3,177	
Malda	3,363	1,443	4,806	37,067	1,133	17,367	7,340	57,353		3	31	333	
Quack Bazar	433		433	336	130	303	3	1,341			6		
Dacca	66,377	313	66,690	3,033	193	23,303	11,343	104,403		14,111	116	7,069	
Myerensingh	1,373		1,373	317	30	11,118	11,303	34,360		1,107	336	7,331	
Fardpur	34,398	3,133	37,531	30,303	731	123,347	7,443	303,333		710	113	3,336	
Baharwal	1,733,300	13,417	1,746,717	3	33	4,371		1,751,107		30	110	3,337	
Tripura (including Tura)	30,373	397	30,770				1,304	32,133		101	10	137	
Nagbhal	4		4			311		315		1	30	3,473	
Chittagong	180,437		180,437	3	49	4,700		135,391		3,033			
Chittagong Port	6,711		6,711					6,711				1,440	
Total of Bengal	7,333,300	3,373,179	10,706,479	113,490	11,030	1,034,334	141,337	12,414,000	40,100,330	34,443	76,133	39,37,330	
OTHER PROVINCES AND PLACES													
Bihar and Orissa	177,371	43,331	220,702	440,363	11,334	1,033,143	223,330	3,410,364	60,000,434	793	3,034	10,04,740	
Assam	133,333	164,413	297,746	3,336	310	7,743	307	374,399	4,333	33	116	43,337	
U. P. of Agra and Oudh	3,433		3,433	1,336,013	166,333	733,177	113,473	3,073,743		37,734	3,331	13,33,640	
Punjab	10,430		10,430	1,103,304	37,334	73,334	3,431	1,210,761		16,733	3,331	3,27,377	
Hind and British Belah Belah	7		7					7		7	0	13,343	
Central Provinces and Belah	1,403	7	1,410	1,434		33,334	130	31,346		143,777	64,303	31,30,377	
Bombay	3,313		3,313		1	3,334	3	10,643		7,333	73,340	3,90,34,731	
Madras				3,311	30	33,334	1,333	33,337		13,133	46,717	64,03,133	
Burma	11,343,473	3,333	11,346,806	343		373,733	333,333	13,031,337		3,333			
Rajputana and Central India	407	373	780		79	3,333	311	3,170		140		3,10,333	
Nizam's Territory						4,313		4,313		330	133	33,003	
Myore					1,333		1,164	3,494			4,033	17,60,301	
Nioobar Islands													
GRAND TOTAL	1919-20	10,330,340	3,333,368	31,300,007	3,333,334	133,431	4,444,764	733,436	31,373,436	100,773,177	344,711	7,77,60,370	
	1918-19	17,343,336	4,133,313	19,476,649	3,303,137	30,403	3,100,363	371,467	33,031,337	87,731,343	130,743	337,310	5,71,74,330
	1917-18	13,307,134	1,334,467	14,641,601	3,043,214	113,003	3,330,737	413,424	30,319,043	76,403,343	134,366	433,333	3,46,04,041

(a) One muid of paddy is equivalent to 23 seers of rice.

(b) Excluding trade by sea (coastwise).

(c) The value rates are fixed quarterly, and the monthly valuation is made at the value rate of the preceding quarter.

11

(d) Excludes imports into the mills outside the Ontario block which are 5, 43,472 bales, but includes imports into the Kitchissippi Doona, namely, 94,618 bales.

TABLE III

Statement of the Routes by which the Articles enumerated in Table No. II were imported into the Calcutta Trade Block in the twelve months, April, 1919, to March, 1920.

Routes		FOOD-GRAINS						Deal and cork	Cotton, raw	Cotton twist and yarn, Indian (b)	Cotton piece goods, Indian (c)	Indigo
		Rice	Paddy (a)	Wheat	Wheat dour	Gram and pulse	Other food- grains					
		Mds	Mds	Mds	Mds	Mds	Mds	Mds	Bales of 400 lbs	Mds	Rs	Mds
By rail	E. I. Railway...	324,966	808,890	2,336,716	148,891	1,976,028	237,487	76,597,473	29,304	8,336	32,81,064	8,561
	E. B. Railway (including B. O. Railway)	1,165,446	774,176	271,214	2,786	1,329,664	78,147	8,438,610	2,068	3,094	14,05,023	1,601
	A. B. Railway...	5,468	301	...	...	833	79	...	1	42	5,231	...
	B. N. Railway...	628,333	173,087	3,789	2,033	38,449	1,023	18,441,400	165,728	169,197	6,22,57,054	260
	B. & N. W. Railway	646	1,463	795,304	1	487,791	116,496	...	944	31	28,857	8,964
	D. B. Railway...	...	...	504	...	...	...	...	...	...	2,306	...
	Kalighat-Palta Railway	193,101	188,848	...	...	739	...	...	...	...	...	...
	Howrah-Amba and Howrah- Seakhola Light Rail- ways	23,693	7,344	...	26	12	...	...	...	...	30,710	...
By river steamboat	Bengal ... Bihar ... Orissa ... Assam ... U. P. of Agra and Oudh	876,867 1,731 46,836 ...	32,108 9 97,182 ...	11,716 76,707 760 80	472 6,994 61 14	81,631 69,386 1,333 2,216	38,056 1,433 607 28	20,188 38 4,389 4	894 38 3 4	3,44,123 11,486 97,464 ...	...
	boat ...	4,769,344	1,509,189	22,813	848	419,376	15,253	2,340	2,899	60,050	21,47,300	4
	road ...	628,113	60,986	103	...	19,467	1,606	146,386	730	12,196	12,11,118	...
	sea ...	11,538,325	2,035	2,276	0	308,806	233,866	...	16,390	...	...	...
Total	1919-20 ...	19,580,850	8,768,688	2,626,894	166,441	4,448,788	738,433	100,773,177	344,711	334,762	7,77,59,370	18,831
	1918-19 ...	17,848,398	4,139,818	5,194,137	61,468	6,166,263	671,467	87,781,345	180,745	937,626	2,74,76,370	17,211
	1917-18 ...	18,007,194	2,634,467	8,042,314	112,002	5,696,737	416,694	76,492,305	184,346	453,806	5,06,04,041	24,801

Routes	JUTE		Lac	OILSEEDS		SUG. raw	SUGAR		Tea, Indian	TOBACCO			
	Raw (a)	Guany bags (b)		Linseed	Rape and mustard		Refined	Unrefined		Unmanu- factured	Manufac- tured		
By rail		Bales of 400 lbs	No.	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds		
	E. I. Railway...	197,998	1,371,016	371,073	691,870	1,697,036	130	2,344	106,333	3,777	7,864		
	E. B. Railway (including E. O. Railway)	2,130,806	2,155,868	61,633	167,199	306,638	2,340	35	65,399	1,543,964	434,374		
	A. B. Railway...	498	40,061	268	6,837	341	.....	1	.....	497,007	.....	
	B. N. Railway	9,767	535,341	180,862	22,022	77,511	31	45,444	16,824	8,443	73,368		
	B. and N. W. Railway	16,421	24,637	103	2,510,696	490,373	.....	6,071	69,643	63	67,343	
	D. B. Railway	.....	164	.....	.....	.....	.....	.....	.....	307,236	.....	
	Kalighat-Palta Railway	11	82,017	.....	.....	.....	.....	.....	.....	.....	.....
	Howrah-Amba and Howrah- Seakhola Light Rail- ways	2,564	39,647	.....	33	6	.....	2	619	.....	30
	By river and motor	Bengal Bihar Orissa Assam U. P. of Agra and Oudh	1,215,968 478 104,718	502,456 2,184 73,639 328	36 12,493	9,416 226 64,221	20,913 2,464 22,462 827	645 41	430 187 3 64	4,419 0 13 2	70,102 1,163,967	824 7,793 3 118	178 17,363 64 2,036
		boat	415,606	486,374,395	11,866	17,800	1	3,471	227,636	108	28,691	
		road	97,476	2,844,001	126	4	21,788	89,747	11,639	
sea	24,628	26,841	43,616	1	22,074	1	3,707	1,460	278	26,367	2,300		
Total	1918-20	6,119,591	408,396,430	576,299	2,281,231	2,548,410	2,348	62,636	562,364	2,321,302	667,610	23,018	
	1918-19	4,866,631	446,796,570	303,613	4,067,363	2,163,071	2,180	191,691	573,466	2,096,474	686,567	57,688	
	1917-18	4,607,384	439,061,212	611,793	1,899,247	2,064,349	2,394	200,070	516,034	2,336,674	563,024	63,623	

(a) One maund of paddy is equivalent to 25 seers of rice.

(b) Excluding trade by sea (coastwise).

(c) The value rates are fixed quarterly, and the monthly valuations is made at the value rates of the preceding quarter.

(d) Excludes imports into the mills outside the Calcutta block, which are 1,044,022 bales, but includes imports into the Eldership Docks, namely, 94,112 bales.

(e) Including guany-cloth, 3 yards of cloth = 1 bag.

TABLE IV

Imports of certain Articles into the Port of Calcutta by Sea (Foreign and Coastwise) in the twelve months, April 1919 to March 1920.

	COTTON TWIST AND YARN		COTTON PIECE-GOODS		Kerosene oil	Salt
	Foreign	India	Foreign	India		
FOREIGN—	Mds	Mds	Rs	Rs	Mds	Mds
From United Kingdom	87,789	...	94,82,980	...	...	1,997,812
Other countries	8,887	...	1,74,99,845	...	5,081,452	6,444,218
Total	47,426	...	26,68,92,811	...	5,081,452	10,581,888
COASTWISE—						
From British Ports in—						
Bihar and Orissa	12	...	...	...	...	...
Bombay	1,445	27,328	5,84,449	1,89,87,342	...	484,484
Madras	875	145	22,170	5,37,468	...	...
Burma	280	2,548	22,86,768	1,31,590	3,486,942	...
Total	3,892	29,641	28,18,429	2,06,99,420	3,486,942	474,426
GRAND TOTAL	1919-20	50,861	29,641	28,37,12,240	2,06,99,420	10,998,087
	1918-19	100,055	11,910	20,87,09,887	2,06,99,420	9,898,046
	1917-18	66,116	1,467	22,31,25,621	25,210	7,944,471

TABLE V

Exports of Principal Articles from the Port of Calcutta by Sea (Coastwise and to Foreign Countries) in the twelve months, April, 1919, to March, 1920.

	FOOD-GRAINS								Coal and coke	Onion, raw	Cotton twist and yarn, Indian	Cotton piece goods, Indian
	Rice	Paddy (a)	Total (in rice)	Wheat	Wheat Berar	Gram and pulse	Other food-grains	Total				
Coastwise—	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Bales of 400 lbs.	Mds	Rs.
To British Ports in—												
Bombay ...	740	...	740	...	231	122	...	1,123	34,144	11	899	4,760
Bihar and Orissa	26,325	23,069	49,394	511	3,807	5,444	...	35,116	5,641	6	3,669	...
Bombay ...	11,906	...	11,906	...	...	12,941	...	24,847	1,570,412	...	...	...
Madras ...	968,341	114,478	1,082,819	2,379	254	490,041	1,472	1,463,217	725,898	...	40	...
Burma ...	11,195	...	11,195	32,333	542,040	362,723	29,678	700,764	1,766,979	102	132,392	14,67,078
To Indian Ports not British—									45,488	...	...	...
Foodstuffs ...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	976,366	137,547	1,113,913	32,309	247,344	784,316	31,220	1,235,121	2,629,674	179	126,528	14,71,808
Foreign—												
To United Kingdom	10	...	10	80	...	22,797	...	22,867	3,100	2,301	...	...
Other countries	1,348,178	5	1,348,183	34,833	90,922	229,098	24,536	1,692,534	18,800,309	186,019	97,748	1,24,483
Total ...	1,358,188	5	1,358,193	34,913	90,922	251,895	24,536	1,715,401	18,803,409	188,320	97,748	1,24,483
GRAND TOTAL	1919-20 ...	2,306,545	137,572	2,391,026	68,127	498,180	2,643,306	55,800	4,216,674	24,192,986	314,840	14,96,291
1918-19 ...	5,323,180	76,786	5,400,000	778,313	408,171	1,178,047	41,817	7,770,374	5,714,769	29,638	24,368	11,27,018
1917-18 ...	2,019,387	669	2,019,833	31,892	869,411	1,229,792	48,673	4,268,300	12,905,334	45,542	114,978	26,06,667

	JUTE				OILSEEDS			SUGAR		Tea, Indian	TOBACCO	
	Ledger	Raw	Guany bags (b)	Lee	Licensed	Repe and mustard	Edible, raw	Refined	Un-refined		Un-manu-factured	Manufactured
Coastwise—	Mds	Bales of 500 lbs.	No	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds	Mds
To British Ports in—												
Bombay ...	...	...	5,333	...	...	...	...	2,672	3,186	5	333	81
Bihar and Orissa	...	...	27,271	...	...	126	...	470	225	...	2,663	877
Bombay ...	...	...	2,258,260	...	...	...	...	24,849	...	...	...	...
Madras ...	320	5	1,642,344	106	...	1,916	...	20,740	...	80	...	70
Burma ...	...	907	40,280,048	2,297	...	6,362	16	102,891	12,761	19,167	164,174	5,819
To Indian Ports not British—												
Foodstuffs ...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	225	916	45,931,170	2,903	...	8,706	16	271,167	16,889	19,222	127,938	7,147
Foreign—												
To United Kingdom	1,004	1,436,144	106,240,963	143,780	2,411,543	19,041	3,361	14	32,860	2,673,444	39,179	331
Other countries	12,819	1,620,944	609,994,869	240,067	1,087,717	74,614	2,002	16,221	761	295,221	88,074	5,699
Total ...	21,823	3,057,088	1,076,235,832	483,847	3,499,260	93,655	5,363	33,085	33,121	2,968,665	127,212	6,430
GRAND TOTAL	1919-20 ...	21,823	3,057,088	1,076,235,832	483,847	3,499,260	93,655	33,085	33,121	2,968,665	127,212	6,430
1918-19 ...	34,894	2,108,019	1,181,320,039	318,313	2,410,766	236,955	3,480	74,256	2,206	2,763,274	267,332	7,641
1917-18 ...	26,306	1,211,973	1,086,676,324	426,080	778,543	484,381	4,743	7,508	7,983	3,412,644	197,669	4,760

(a) One maund of paddy is equivalent to 35 mows of rice.

(b) Including guany cloth, 2 yards of cloth = 1 bag.

TABLE VI

Exports of certain Articles from the Calcutta Trade Block by rail, road, river, canal, and sea (coastwise) in the twelve months, April, 1919 to March, 1920.

Whither exported	COTTON TWIST & YARN		COTTON FIBRE GOODS*		Cotton bags†	KEROSENE OIL		Salt
	Foreign	Indian	Foreign	Indian		From Calcutta Block	From Bridge-Budgee	
BENGAL	Mds	Mds	Ra	Ra	No	Mds	Mds	Mds
Burdwan	304	7,107	55,43,915	5,46,864	1,313,470	53,344	143,814	353,890
Birbham	500	12,783	24,88,871	3,19,513	561,334	566	50,261	174,641
Bankura	308	8,007	10,77,448	13,899	127,336	325	1,343	104,898
Midnapur	14,209	12,393	59,09,861	4,89,809	472,423	18,574	107,187	346,145
Hoojaly	7,551	937	17,77,844	4,31,292	301,890	37,834	141,799	249,386
34-Paraganas	1,839	2,339	11,11,011	6,99,373	1,235,579	190,829	68,496	361,391
Nadia	2,049	34,429	27,60,538	10,71,339	883,345	17,543	50,170	304,637
Murshidabad	332	9,314	52,09,164	2,37,342	649,623	4,483	114,432	342,806
Jessore	2,388	7,093	26,60,844	7,86,833	337,070	15,120	68,932	177,063
Khulna	3,990	1,642	18,06,843	7,07,046	913,919	17,822	63,899	383,111
Rajshahi	53	1,918	10,89,879	8,96,373	276,398	5,017	44,343	113,940
Dinajpur	•	1,933	32,71,045	10,63,778	463,422	9,474	54,336	199,687
Jalpaiguri	300	4,194	66,74,645	12,88,798	304,341	7,673	67,670	177,116
Darjeeling	286	1,456	37,49,794	2,69,330	183,666	1,391	44,631	114,646
Rangpur	539	1,548	1,03,03,397	14,70,469	344,310	1,696	112,899	410,321
Bogra	27	2,072	37,67,004	28,76,067	474,043	2,184	35,603	249,716
Pabna	4,983	7,848	68,77,439	17,43,784	345,889	1,171	363,372	397,397
Malda	437	7,696	29,10,393	9,16,676	414,546	110	5,864	61,130
Dooch Behar	69	1,194	27,91,233	2,34,306	112,545	223	38,870	88,441
Dacca	17,394	13,008	1,15,20,999	26,67,323	174,686	13,334	480,681	446,167
Mymensingh	6,693	6,167	57,13,489	71,63,364	133,574	999	68,799	917,611
Faridpur	19,191	2,864	26,65,099	18,18,390	247,169	12,391	79,486	236,940
Bakerganj	12,069	316	19,81,460	28,14,790	649,007	10,610	63,794	309,919
Tippura (including Hill Tippura)	2,123	13,440	69,51,399	1,06,730	140,466	594	865	163,079
Naokhal	3,639	10,711	29,68,861	3,47,370	88,583	68	21	4,586
Chittagong	2,180	595	7,81,308	5,88,761	257,767	200	29	33,341
Chittagong Port	83	1,107	27,24,655	3,77,191	28,187	•	67	18
Total of Bengal	104,795	176,496	23,36,81,807	3,64,79,331	10,916,904	243,374	2,370,999	6,016,419
OTHER PROVINCES AND PLACES								
Siber and Orissa	30,654	99,506	7,46,56,610	3,06,80,780	9,586,233	5,348	1,032,949	2,800,603
Assam	16,335	20,764	2,43,43,843	37,06,925	1,704,730	14,694	77,421	713,343
U. P. of Agra and Oudh	2,390	6,748	4,12,04,932	49,69,181	10,336,430	2,483	1,464,803	39,097
Punjab	2,933	1,805	2,66,91,839	11,32,665	11,064,698	173	193,064	89
Hind and British Baluchistan	•	•	2,46,292	16,319	2,893,841	232	443	•
Central Provinces and Berar	402	1,231	26,06,301	4,42,343	6,146,146	2,010	24,894	3,996
Bombay	2,479	1,383	24,26,603	2,09,312	16,624,150	6,194	176	•
Madras	2,536	10,542	16,49,309	5,42,900	15,180,043	3,910	1,170	176
Burma	9,332	123,863	46,03,174	14,67,078	40,294,368	•	194	669
Rajputana and Central India	104	183	16,00,844	1,34,438	2,075,380	3,107	48,063	2
Kashmir State	4	•	1,043	1,064	13,345	•	•	•
Nizam's Territory	•	10	8,43,485	4,810	1,049,601	2,614	•	•
Mynta	•	•	17,360	1,333	568,910	•	•	•
Nicobar Islands	•	•	889	•	•	•	7	91
Port Blair	•	•	23,390	4,790	833	•	•	•
GRAND TOTAL	1919-20	142,553	480,346	30,89,37,031	6,67,64,123	194,083,801	2,398,984	9,398,711
	1918-19	293,833	384,237	27,03,19,292	2,96,55,471	143,376,894	2,96,821	4,136,366
	1917-18	216,046	402,023	29,87,44,409	3,13,09,078	100,715,006	264,015	3,066,974

* The value rates are fixed quarterly, and the monthly valuation is made at the value rates of the preceding quarter.
† Including gunny cloth, 3 yards of cloth = 1 bag.
The exports of kerosene oil from Bridge-Budgee to Calcutta in 1919-20, were 215,323 mounds, as against 339,329 mounds and 699,327 mounds in 1918-19 and 1917-18 respectively.

TABLE VII

Statement of the Routes by which the Articles enumerated in Table No. VI were exported from the Calcutta Trade Block in the twelve months, April, 1919, to March, 1920.

Routes.	COTTON TWIST AND YARN		COTTON PIMBROODES*		Gunny bags†	KEROSENE OIL		Salt
	Foreign	Indian	Foreign	Indian		From Calcutta Block	From Budge-Budge	
	Mds	Mds	Ss	Ss	No	Mds	Mds	Mds
B. I. Railway ...	8,677	71,368	7,94,73,283	27,70,443	12,194,784	87,279	1,686,082	1,470,828
B. B. Railway (including B. O. Railway)	8,078	103,370	7,34,08,394	1,37,15,694	6,074,401	89,391	237,188	2,944,280
A. B. Railway ...	2,430	24,876	2,61,86,719	18,88,455	325,578	4,447	1,253	216,849
B. N. Railway ...	1,776	84,808	94,63,873	24,36,638	6,738,979	5,397	11,634	911,048
B. & N. W. Railway ...	413	19,354	4,98,17,361	1,06,86,498	4,780,189	1,331	748,280	744,288
O. & R. Railway ...	631	1,140	66,77,140	4,80,773	1,635,464	1,325	630,366	74
Howrah-Amra and Howrah-Buckhale Light Railways	1,847	—	8,27,733	—	87,806	10,243	—	22,412
By rail ...								
N. W. Railway ...	8,723	617	58,38,689	4,90,269	11,484,769	84	48,703	—
G. I. P. Railway ...	2,684	1,323	40,16,804	2,90,656	14,671,789	2,612	33,747	7
B. B. & C. I. Railway ...	173	434	18,07,365	2,38,404	2,198,242	273	14,996	1
M. & S. K. Railway ...	8,370	4,907	12,47,084	2,18,403	7,365,450	1,796	—	20
B. I. Railway ...	24	218	62,913	80,642	1,897,331	—	—	—
J. B. Railway ...	—	11	4,64,698	18,764	181,884	393	754	—
N. G. B. Railway ...	—	10	2,42,883	4,209	743,838	2,314	—	—
Other Railways ...	184	6	13,22,118	2,07,077	247,783	1,716	66,897	21,138
By river steamer ...								
Bengal ...	80,848	20,351	8,18,27,673	1,37,22,597	2,017,118	26,423	922,605	1,669,104
Bihar and Orissa ...	387	1,486	13,04,131	2,78,274	1,001,369	14	—	14,826
Assam ...	16,612	6,441	1,18,77,146	44,15,227	609,284	7,966	24,711	467,825
U. P. of Agri and Orissa ...	61	36	2,73,071	17,394	241,163	99	—	—
By boat ...	9,386	—	11,70,080	1,88,007	416,786	109,566	298,427	1,008,427
By road ...	8,368	606	14,88,363	8,24,617	868,423	128,244	6,789	163,381
By sea ...	17,687	136,400	65,77,574	14,71,906	48,281,170	—	17,848	27,417
Total ...								
1919-20 ...	146,933	640,346	20,49,27,381	4,67,48,118	136,063,201	282,984	5,279,711	9,538,011
1918-19 ...	288,839	394,337	17,03,12,337	3,38,84,411	142,378,264	218,231	4,366,966	7,840,294
1917-18 ...	316,046	487,083	23,97,44,429	2,18,08,879	100,712,004	844,015	5,048,974	7,212,017

* The value rates are fixed quarterly and the monthly valuation is made at the value rates of the preceding quarter.

† Including gunny cloth, 2 yards of cloth=1 bag.

DEPARTMENT OF STATISTICS, INDIA,

D. N. GHOSH,

May 27, 1920.

Offg. Director of Statistics.

IRRIGATION DEPARTMENT, BENGAL

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1919-20.

Area leased for irrigation up to end of March 1920.

Circle.	District.	Canal.	DETAILS OF AREAS LEASED.										RAINFALL, 1919-20.		RAINFALL, 1918-19.		
			Estimated full discharge, C. ft.	Average discharge in C. ft.	Discharge utilized, C. ft.	Approximate area of land irrigated during the year up to the end of the month, Acres.	Approximate area of land under irrigation up to the same date last year, Acres.	SECTOR LEASED.					Grand Total, Acres.	Inches, Inches.	Up to end of month.	Inches, Inches.	Up to end of month.
								Acres.	Acres.	Acres.	Acres.	Acres.					
S.W. Churia.	{ Midnapore Howrah	Midnapore	1,411	...	...	80,475	71,749	77,988	3,149†	...	...	3,149	81,137	6-21	64-68	0-24	58-17
		Panchkura	522	29	29	6,596	7,333	7,076*	247	...	...	247	7,323	2-66	58-06	1-58	58-26
		Total Reaches, Ranges I and II	...	...	...	...	...	...	...	...	...	...	...	6-21	77-94	0-61	58-50
		Total Midnapore Canal	...	...	...	87,071	79,082	85,064	3,396	...	...	3,396	88,460	...	...	...	...
		Total of the corresponding period last year.	...	...	...	...	...	79,440	922	...	...	922	80,362	...	...	...	...
Burdwan and Hooghly.	Eden Canal	1,000	...	...	...	21,344	20,366	19,310	1,600*	105	29	1,734	21,344	9-90	68-60	0-22	61-67
	Total of the corresponding period last year.	...	...	...	20,366	26,439	19,561	679	437	53	1,169	20,740	...	...	...	...
	GRAND TOTAL	...	...	...	1,08,415	98,448	1,04,674	4,896	105	29	5,130	1,09,804	...	...	...	...
		GRAND TOTAL OF THE CORRESPONDING PERIOD OF LAST YEAR.	...	...	...	...	...	99,001	1,601	437	53	2,091	1,01,092	...	...	...	...

† Of which 2418 acres are double watering. * Of which 694 acres are double watering.

CALCUTTA.

The 18th May 1920.

G. J. ST. C. SEDGLEY,
Under-Secy. to the Govt. of Bengal.

Statement showing the Gauge-readings at Dacca Water-works Station on the river Buriganga for the week ending 8th May 1920.

Date.	At A.M.	AT HIGHEST WATER.		AT LOWEST WATER.		At P.M.	Remarks.
		Time.	Readings.	Time.	Readings.		
1920.							
2nd May	55.2	10-0	58.5	17-20	54.4	54.75	H. T. at 10-10 and F. T. at 17-55.
3rd "	55.1	11-0	56.8	18-15	54.1	54.55	H. T. at 11-10 and F. T. at 18-25.
4th "	55.5	11-55	57.5	6-0	55.0	55.6	F. T. at 6-15 and H. T. at 12-10.
5th "	55.8	12-42	57.6	6-32	55.4	55.8	F. T. at 6-50 and H. T. at 12-52.
6th "	56.2	13-35	57.9	7-10	56.2	56.4	H. T. at 7-15 and F. T. at 13-40.
7th "	56.5	14-22	58.0	7-52	56.2	56.6	F. T. at 8 and H. T. at 14-45.
8th "	57.1	15-5	58.0	8-50	56.8	57.4	H. T. at 8-55 and F. T. at 15-20.

Notable high and low water levels of previous years.

27th August	1905	70.5	Taken at high tide.
6th September	1909	...	...	...	67.88
10th August	1910	...	...	...	69.50
1st "	1911	...	...	...	68.40
13th "	1912	...	...	...	67.16
31st "	1915	...	...	...	68.7
18th "	1916	...	...	...	68.1
12th "	1917	...	...	...	67.1
31st "	1918	...	...	...	69.12
23rd February	1907	61.00	Taken at low tide.
18th "	1908	...	...	...	61.08
12th March	1912	...	...	...	61.06
6th "	1914	...	...	...	60.60
22nd February	1915	...	...	...	60.60
15th "	1916	...	...	...	60.60
3rd March	1917	...	...	...	61.0
21st February	1918	...	...	...	61.40

Dacca,
The 18th May 1920.BENODE BEHARI RAY,
for Executive Engineer, Dacca Division..**Statement showing the gauge-readings at Dacca Water-Works Station on the river Buriganga for the week ending the 15th May 1920.**

Date.	At A.M.	AT HIGHEST WATER.		AT LOWEST WATER.		At P.M.	Remarks.
		Time.	Readings.	Time.	Readings.		
1920.							
9th May	57.6	15-50	58.2	9-20	57.0	57.5	F. T. at 9-40 and H. T. at 16-5.
10th "	57.5	16-35	58.0	10-30	57.0	57.8	F. T. at 10-45 and H. T. at 16-55.
11th "	57.5	17-40	58.0	11-25	56.95	57.7	F. T. at 11-35 and H. T. at 17-52.
12th "	57.45	18-30	57.7	12-18	56.8	57.4	F. T. at 12-55 and H. T. at 18-45.
13th "	57.3	7-40	57.5	13-0	56.4	57.2	H. T. at 7-40 and F. T. at 13-15.
14th "	57.55	8-20	57.4	13-48	56.3	56.8	F. T. at 8-35 and F. T. at 14-0.
15th "	56.85	9-40	57.2	14-35	56.35	56.7	H. T. at 9-35 and F. T. at 14-50.

Notable high and low water-levels of previous years.

27th August	1905	70.5	Taken at high tide.
6th September	1909	...	...	...	67.80
10th August	1910	...	...	...	69.50
1st "	1911	...	...	...	68.40
13th "	1912	...	...	...	67.16
31st "	1915	...	...	...	68.7
18th "	1916	...	...	...	68.1
12th "	1917	...	...	...	67.1
31st "	1918	...	...	...	69.12
23rd February	1907	61.00	Taken at low tide.
18th "	1908	...	...	...	61.06
12th March	1912	...	...	...	61.06
6th "	1914	...	...	...	60.60
22nd February	1915	...	...	...	60.60
15th "	1916	...	...	...	60.60
3rd March	1917	...	...	...	61.0
21st February	1918	...	...	...	61.40

Dacca,
The 19th May 1920.BENODE BEHARI RAY,
for Executive Engineer, Dacca Divn.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra at Goalundo for the week ending 15th May 1920.

Month and date.	Hour.	Height of surface above or below zero of gauge.	Height of surface above mean sea-level.	Height of surface above mean sea-level by same date last year.	Remarks.
1920.					
9th May	7 A.M.	12.7	12.7	9.3	Zero is placed at mean sea-level. The bench mark for the gauge is on a picea pillar between the passenger ghât and Chandpur ghât. Its reduced level is 26.84.
10th "	7 "	12.7	12.7	9.2	
11th "	7 "	12.9	12.9	9.2	
12th "	7 "	12.4	12.4	9.3	
13th "	7 "	12.3	12.3	9.5	
14th "	7 "	12.3	12.3	9.5	
15th "	7 "	12.3	12.3	9.5	

The previous year	...	Highest water-level	...	22.7 on 15th September 1919.
Ditto	...	Lowest	...	0.1 on 24th February 1919.
Record (H.F. in Brahmaputra and Ganges)	...	Highest	...	26.75 on 22nd August 1904.
Record (average flood in Brahmaputra and Ganges)	...	Ditto	...	26.74 on 20th and 21st August 1904.
Record (H.F. in Brahmaputra and Ganges)	...	Ditto	...	26.65 on 11th to 17th and 21st August and on 1st to 3rd September 1899.
Record (H.F. in Brahmaputra only)	...	Ditto	...	25.65 on 31st July 1900.
Do.	...	Lowest	...	1.0 on 2th February 1914.
Do.	...	Ditto	...	2.42 on 13th March 1905.
Do.	...	Ditto	...	2.91 on 21st to 24th February and 24th to 25th March 1884.
Do.	...	Ditto	...	3.10 on 9th to 11th March 1880.
Do.	...	Ditto	...	3.16 on 10th, 17th and 20th to 21st March 1901.

N.B.—The gauge-reading commenced from 3rd October 1908.

FARIDPUR,
The 16th May 1920.

Z. HASSEAN,
for Subdivisional Officer, P. W. D., Faridpur.

IRRIGATION DEPARTMENT, BENGAL.

Abstract Statement showing the approximate volume of Traffic and the Tollage on Canals in Bengal classed as Major Works and Minor Works and Navigation for the month of March 1920, as compared with the corresponding month of the previous year.

Canals.	1919-20.					
	WEIGHT OF CARGO.		RAFTS.		TOLLAGE.	
	During the month.	To end of the month.	During the month.	To end of the month.	During the month.	To end of the month.
<i>I.—Major Works.</i>	Tons.	Tons.	No.	No.	Rs.	Rs.
Midnapore Canal ...	2,409	68,742	44,525	104,81	2,036	41,787
Hijili Tidal " ...	2,587	102,654	550	7,662	8,176	72,130
Total ...	9,978	170,796	45,075	112,519	8,212	1,18,917
<i>II.—Minor Works and Navigation.</i>						
Calcutta and Eastern Canals ...	44,417	502,074	230	10,218	25,931	3,11,151
Tolly's Nala ...	16,621	200,852	21,970	165,697	4,831	66,959
Madaripur Bheel ...	71,796	1,362,200	830	13,686	23,484	3,22,426
Total ...	132,834	2,065,126	22,530	189,601	54,196	7,00,536
Magrahat Channels ...	3,274	81,925	...	400	695	25,843
Orissa Coast Canal ...	3,985	46,987	3,825	14,495	1,201	18,900
Nadia Rivers ...	2,581	45,568	...	570,648	1,155	12,715
GRAND TOTAL ...	142,674	2,238,586	26,355	775,159	57,247	7,54,074

Canals.	1918-19.					
	WEIGHT OF CARGO.		RAFTS.		TOLLAGE.	
	During the month.	To end of the month.	During the month.	To end of the month.	During the month.	To end of the month.
<i>I.—Major Works.</i>	Tons.	Tons.	No.	No.	Rs.	Rs.
Midnapore Canal ...	7,136	83,304	24,065	61,914	3,628	48,700
Hijili Tidal " ...	10,803	61,931	121	3,694	7,772	68,507
Total ...	17,939	165,235	24,186	65,608	11,400	1,17,207
<i>II.—Minor Works and Navigation.</i>						
Calcutta and Eastern Canals ...	78,206	600,595	1,015	17,278	47,361	3,68,846
Tolly's Nala ...	23,113	233,178	9,000	75,572	7,824	85,036
Madaripur Bheel ...	107,165	1,570,285	197	11,343	23,533	3,54,016
Total ...	208,486	2,404,058	10,212	104,193	78,718	8,08,897
Magrahat Channels... ..	10,771	81,955	...	...	2,357	23,127
Orissa Coast Canal ...	4,290	40,287	2,780	14,485	1,512	14,700
Nadia Rivers ...	2,174	64,100	3	509,059	826	19,485
GRAND TOTAL ...	225,721	2,590,551	13,075	626,687	83,413	8,68,709

CALCUTTA.
The 25th May 1920.

G. J. ST. C. SEDGLEY,
Under-Secy. to the Govt. of Bengal.

DEVELOPMENT OF CALCUTTA.

GOVERNMENT OF BENGAL.

MUNICIPAL DEPARTMENT.

Municipal.

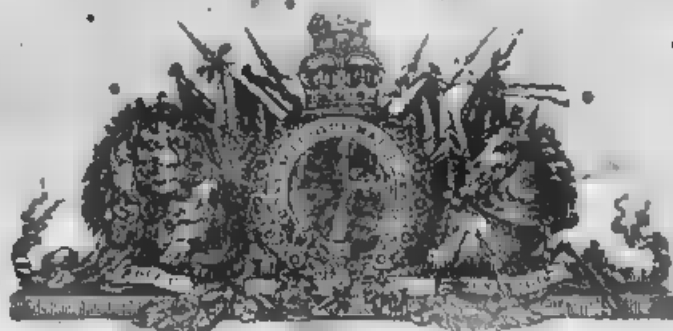
DARJEELING, THE 24TH MAY 1920.

RESOLUTION No. 84T.—M.

In introducing the Calcutta Rent Bill in the Bengal Legislative Council, the Hon'ble Maharajadhiraja Bahadur of Burdwan stated that Government realized that legislation for the restriction of rents was in itself not sufficient to solve the housing problem in Calcutta and that Government were considering the adoption of further measures for the improvement of existing conditions. At present, one of the chief obstacles to the expansion and development of Calcutta is the difficulty which building societies and companies experience in obtaining land and securing a firm title. It was on this account that the Calcutta Rents Committee recommended that Government should utilize the provisions of the Land Acquisition Act to acquire land for bodies which had been formed definitely for the provision of housing accommodation. There is evidence that private enterprise is prepared to take up housing schemes provided that it is granted reasonable facilities for the acquisition of land; and Government have accordingly decided to accept the recommendation of the Committee and to acquire land under the Land Acquisition Act on behalf and at the cost of registered companies formed for housing purposes whose schemes are approved by Government, so long as emergent measures are necessary for the development of Calcutta. In order to give effect to this decision, an officer will be placed on special duty, under the title of Development Commissioner, who will be required to examine the schemes put forward by private companies, to obtain full information about them and to advise Government whether land should be acquired and, if so, upon what conditions. It will also be the duty of this officer to ascertain whether Government or any local authority or railway has proposals in view or work in hand which may affect or be affected by the building schemes proposed. For this purpose, he will be a member of the Calcutta Public Works Conference, which contains representatives of Government, the Railways, the Corporation of Calcutta, the Calcutta Improvement Trust, the Port Commissioners and six suburban municipalities. Each scheme will be considered by Government on its merits and with reference to its public utility, and if accepted by Government, such conditions will be imposed as will safeguard the interests of the public, for while Government are of opinion that the existing shortage of houses in Calcutta and its neighbourhood justifies them in making use of the provisions of the Land Acquisition Act for the purpose of making good the deficiency in the interests of the public at large, it is equally clear to them that they would not be justified in using the Act in furtherance of speculative schemes whose primary object is that of enriching their promoters. Pending the appointment of the special officer above referred to, applications from those desirous of having land acquired for building purposes in Calcutta or its neighbourhood should be made to the Collector of Calcutta.

By order of the Governor in Council,

L. S. S. O'MALLEY,
Secy. to the Govt. of Bengal.



The Calcutta Gazette

WEDNESDAY, JUNE 2, 1920.

SUPPLEMENT.

OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of five rupees per annum if delivered in Calcutta, or seven rupees and eight annas if sent by post.]

CONTENTS.

	Page.		Page.
Annual Report of the Royal Botanic Garden and the Gardens in Calcutta and the Lloyd Botanic Garden, Darjeeling, for 1919-20	635-637	Vital Statistics of the Towns of Bengal for the weeks ending 10th and 17th April 1920	643-644
List of prices of articles of food in Calcutta for the week ending Saturday, the 29th May 1920	638	Statement of weekly gauge readings on the rivers in Bengal	645-646
Weather and Crop Report for the week ending on the 27th May 1920	639-642	Resolution reviewing the work of the Anti-hookworm Campaign in Bengal	647-649
		Re-constitution of the Standing Waterways Advisory Committee	650-651

ANNUAL REPORT

OF THE

ROYAL BOTANIC GARDEN AND THE GARDENS IN CALCUTTA

AND OF THE LLOYD BOTANIC GARDEN, DARJEELING,

FOR 1919-20.

ROYAL BOTANIC GARDEN.

1. **General.**—Weather conditions during the latter half of the year were somewhat abnormal and the rainfall excessive. On one occasion seven inches of rain fell over night and, accompanied by heavy squalls, accounted for the downfall of several trees by the edges of flooded tanks. Except where the damage involved a species not elsewhere represented in the garden or a tree forming an integral part of a scenic group, the loss was negligible, for parts of the garden suffer already from overcrowding and the elimination of a few trees here and there may be regarded with equanimity. The garden fortunately escaped the cyclone which caused such damage to trees and dwellings in the eastern part of Bengal during November.

The three new vistas referred to in last year's report have resulted in a great improvement to the garden. Their directions were carefully selected, to some extent defined by the trees which could most conveniently be spared, and to the necessity of maintaining the requisite amount of shade. The result is evident in a much more open, park-like appearance and the improvement effected could, with advantage, be paralleled by experiments on similar lines in other parts of the garden.

The year has been particularly well suited for cold weather annuals, the display of these being unrivalled in the writer's experience of the garden. In addition to raising the usual variety of annuals, the experiment of transporting established plants from the hills at the beginning of the cold weather was rendered possible through the services of Mr. H. F. Green, Manager of the Government Cinchona Plantation, Munson. The species with which the greatest degree of success was attained were *Primula obconica* and *malacoides* and a variety of *Begonia semperflorens*. The presence in the garden of plants usually seen in India in the hills only added greatly to the attractiveness of the collection. To those who love gardening and who are fortunate enough to be able to get established material from the hills the experiment can be confidently recommended.

The display of Orchids during March and April was up to the usual standard and formed one of the principal attractions to visitors.

About fifty young trees and shrubs were planted out during the year, twenty-three of which were species new to the garden.

Labour during the early part of the year was concentrated on the building of walls and rivetments along the river bank. In a few years time this work may be expected to engulf a smaller percentage of the garden allotment, but for the present it must continue to be a heavy drain on garden funds, for the river takes yearly toll of the bank and it will be some years before the substantial type of structure now being built can be completed. With this constant drain on funds much could not be attempted in the way of garden improvement proper. Though such improvement is much to be desired, industrial development on the right bank with its increasing demand for labour at post-war rates further sets a limit to what the officers responsible for the state of the garden can accomplish. During the latter part of the year garden labour was reduced to about half its normal strength.

2. Plant and Seed Exchange.—Over 40,000 young trees and shrubs were distributed to the Public Works Department, District Boards, Municipalities, Railways, etc., and some 2,200 were received by the garden, during the year. Two thousand three hundred packets and 135 lbs. of seed, mostly of trees and shrubs, were distributed within and outside India. The seed went chiefly to Government or other institutions or to private parties throughout the British Empire. A considerable quantity including palm seed went to Delhi, where in spite of difficult soil and adverse climatic conditions, it is being successfully applied in arboricultural development work. Over 400 packets and 60 lbs. of seeds were received by the garden, exclusive of two barrels of Mahogany seed from Kew.

3. Herbarium and Library.—Work was carried out along the usual lines throughout the year, aid in herbarium work being given by Messrs. Debbarman and Narayanaswami, of the Botanical Survey Department.

Accessions to the herbarium number over 6,000 sheets the largest collection being one of middle and West Himalayan flowering plants and ferns. Distributions number between 2,000 and 3,000 in addition to over 9,000 sheets sent on loan for work at Kew. Since the termination of the war increased numbers of individual workers have asked to be supplied with material to work on. In addition to material for work on the flora of Madras, and on the Euphorbiaceae the Sibpur representatives of some thirty genera have been out on loan to various institutions or individuals.

Less than the usual number of book additions was made to the library on account of supplies ordered from London either not being available or the orders being left unattended to. Periodicals and reports over 200 in number have been added, but the expenses of binding and the difficulty of obtaining binding material have interfered with their being properly deposited in the library.

4. **Publications.**—Volume XII, Part II of the Annals of the Royal Botanic Garden, being Signor Beccari's account of the *Lepidocaryeae* palms, is now complete in letter-press and plates and will be distributed during the current year.

5. **Financial.**—The total revenue was Rs. 2,842-12, being Rs. 2,842-12 above the sanctioned estimate. The excess is due to the temporary letting out of the garden foreshore below high-water mark for timber storing purposes. Revenue proper, being the sale-proceeds of seeds and plants, amounted to Rs. 550-4. The total expenditure under establishment and contingencies was Rs. 1,10,244-15-2. There was an excess expenditure of Rs. 2,861-13-3 under establishment, and a saving of Rs. 1,534-11-7 under contingencies.

6. **Staff.**—Lieutenant-Colonel A. T. Gage, I.M.S., was in charge of the gardens as Superintendent from 1st April to 10th October 1919, after which he went on combined leave being relieved by Mr. C. C. Calder, who continued to act, in addition to his own duties, till the end of the official year. Mr. G. T. Lane was Curator of the Garden till 17th July 1919, when he went on combined leave. His relief, Mr. P. V. Osborne, was in charge thereafter till the end of the year. Messrs. Mitra and Jones were Overseers, the former throughout the year, the latter on his return from military duty on 7th January 1920. Babu Devendranath Basu was Head Clerk throughout year.

CALCUTTA GARDENS.

Work in these gardens was mostly of a routine character. Great damage was done to the Eden Gardens during the Peace Celebration Mela and the usual display of annuals was much delayed. A special grant was provided by the Mela Committee for repairs, but the ride and lawns will require the monsoon drenching before one can hope to see them in their former condition. All these gardens are suffering not only from a shortage of labour, but from the inferior type of labour which a pre-war rate of wage draws.

Mr. S. Basu officiated as Assistant Curator in charge and Babu K. C. Maiti as Overseer throughout the year, and both performed their duties conscientiously.

There was a saving of Rs. 5,543-13-6, almost entirely on salaries and establishment. Sums collected and paid into the Bank of Bengal as revenue amounted to Rs. 440.

LLOYD BOTANIC GARDEN, DARJEELING.

The excellent state of this garden lies to the credit of Mr. G. H. Cave. During a year characterised by difficulties both of a general and of a local character, the work has been carried forward with resource and ability. Epidemics among the labour force, enforced shortage of garden stores and the effects of adverse weather conditions have all successfully been overcome. The garden is a credit to Darjeeling and it is a pleasure to enter it.

About thirty plants, comprising as many species new to the garden, were added to the permanently planted out collections of trees and shrubs. Some 3,497 plants, 3,882 dozen seedlings of annuals, 386 bulbs and over 12,000 packets of seed were distributed.

Records at the gate show the popularity of the garden as an institution where recreation and educational pursuits can be combined. Over 60,000 persons visited it throughout the year.

The "Guide to the Lloyd Botanic Garden," an index to the contents of the garden, arranged both numerically and according to a natural system of classification, is being brought up-to-date and photographic illustrations prepared with a view to publication. There was a small saving of Rs. 176-2-5 out of a total annual allotment of Rs. 14,000 for upkeep.

C. C. CALDER,
Offg. Superintendent.

**List of prices of articles of food at Calcutta during the week ending
Saturday, the 29th May 1920.**

Names of articles.	WHOLESALE PRICE PER MAUND.		RETAIL PRICE PER SEER.	
	From—	To—	From—	To—
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rice—				
Balam, coarse	7 8 0	8 2 0	0 3 3	0 3 6
" medium	8 11 0	8 12 0	0 3 9	0 4 0
Patnai, coarse	7 12 0	8 8 0	0 3 3	0 3 6
" medium	8 9 0	9 0 0	0 3 9	0 4 0
Nagra, coarse	7 10 0	8 6 0	0 3 3	0 3 6
" medium	8 8 0	9 2 0	0 3 9	0 4 0
Dudhkaima	...	...	0 3 6	...
Rangoon Boiled	...	...	0 3 1½	0 3 3
Kasbi	7 8 0	7 9 0	0 3 0	...
Wheat, Dudhia	6 10 0	...	...	...
" Gangajali	...	...	...	...
" Jamali	6 8 0	...	...	...
Gram, Patnai (whole)	6 8 0	7 0 0	0 2 9	0 3 0
" dal	8 8 0	9 0 0	0 3 6	0 4 0
Mung " (Hari)	7 0 0	7 12 0	0 6 0	0 8 0
" " (Krishna)	7 12 0	8 8 0	0 5 0	0 6 0
Arhar " "	11 8 0	12 4 0	0 3 9	0 5 0
Masur " (Split)	6 6 0	6 12 0	0 2 9	0 3 3
" " (Khanri)	9 8 0	10 0 0	0 4 0	0 4 6
Kalai "	8 4 0	8 12 0	0 3 0	0 3 6
Salt	2 15 6	3 6 0	0 1 6	0 1 9
Sugar (Brown Java)	37 8 0	39 0 0	0 14 0	0 15 0
Gur, Bheli	...	...	...	...
" Bhursat	10 0 0	10 4 0	0 6 0	...
" Date	...	...	...	...
Milk	8 0 0	11 0 0	0 3 0	0 5 0
Mustard Oil	24 0 0	27 0 0	0 10 0	0 14 0
Flour (Country)	9 12 0	10 8 0	0 3 6	0 4 0
Atta, No. 3	6 0 0	...	...	...
" " 2½	6 12 0	...	0 3 0	0 4 0
" " B	9 10 0	...	...	...
Suji	9 4 0	10 0 0	0 4 0	0 4 6
Ghee (Bhadwa, Matki, etc.)	...	Not in stock.	...	...
" (Patiram, Khurja, Ruto, Etwa, better kind, etc.)	99 0 0	101 0 0	2 10 0	...
" (Lalli, Etwa, Sagar, etc.)	94 0 0	96 0 0	2 8 0	...
Maize	3 8 0	4 8 0	...	...
Potatoes	4 12 0	5 12 0	0 2 0	0 2 6
Patal	6 12 0	8 0 0	0 3 0	0 3 0
Brinjal	2 8 0	3 8 0	0 1 3	0 2 6
Onion	2 8 0	4 0 0	0 1 6	...
Fish (Rahu)	30 0 0	35 0 0	0 14 0	1 0 0
Mutton (2nd class)	...	...	0 10 0	...
Beef (2nd and 3rd classes)	...	...	0 3 0	0 5 0

V.B.—This is an abstract of prices at the following markets:—

Wholesale.—Chetla Hat, Ramkrishnapur Hat, Spaldah Fish and Milk Markets, Posta Bazar.

Retail.—Sir Stuart Hoag Market, Orphananj Market, Sovn Bazar, Nutun Bazar, Raja Babu's Bazar, Bow Bazar, Karays Bazar, Takolla Bazar, Mallick Bazar and Joga Babu's Bazar.

S. N. GHOSH,

for Commissioner, Presidency Division.

CALCUTTA, the 29th May 1920..

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 20th May 1929.

Summary.—During the week light to moderate rain was general almost throughout the province. More rain is, however, needed in parts of West and North Bengal. Sowing of jute and autumn paddy continues in West Bengal; weeding is proceeding in North and East Bengal. Ploughing of fields for winter rice is in full swing. Sowing for seedlings have commenced. Prospects of standing crops are generally satisfactory. The average price of common rice for the province has risen by about 2·45 per cent. as compared with that of the previous week.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN RUPEES, PER MUSE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
1	24-PARGANAS	Inches. 1·19	5½	5½	Sowing of <i>aus</i> paddy and jute crops continues. More rain is wanted in the Diamond Harbour subdivision. Fodder and water are sufficient.
	Diamond Harbour.	1·31	5½	5½	
	Barrackpore	4·60	5	5	
	Barasat ...	1·93	5½	5½	
	Basirhat ...	2·52	4½	5½	
2	NADIA ...	0·97	5½	5½	Sowing of <i>aus</i> paddy and jute continues. Cattle-disease is reported from thanas Gangani, Chuadanga and Damurhuda.
	Kushtia ...	0·43	5	5	
	Meherpur ...	1·95	5½	5½	
	Chuadanga...	1·66	6	(n)	
	Ranaghat ...	(n)	(n)	5½	
3	MURSHIDABAD	3·34	5½	5½	Prospects of standing crops are good. Sowing of jute and other <i>bhadoi</i> crops and ploughing of lands for winter paddy continue. Cattle-disease is reported from Nabagram in the Lalbagh subdivision. Fodder is sufficient. There is no large import or export.
	Lalbagh ...	1·35	5½	5½	
	Jangipur ...	1·21	6½	6½	
	Kandi ...	0·96	5½	6	
4	JESSORE ...	Nil	5	5½	Sowing of jute and <i>aus</i> and <i>aman</i> paddy continues; more rain is wanted. Harvesting of <i>boro</i> paddy is almost finished. Fodder is sufficient. Import or export as usual.
	Jhenidah ...	(n)	(n)	5½	
	Magura ...	1·84	4½	5	
	Narail ...	0·95	4½	4½	
	Bangaon ...	0·86	5½	5½	
5	KHULNA ...	Nil	4½	4½	Weather hot. Sowing of <i>aus</i> paddy and jute is in progress. More rain is badly required for jute and <i>aus</i> paddy. Fodder is sufficient. Cattle-disease is reported from Tala police-station.
	Satkhira ...	0·67	5	5	
	Bagerhat ...	0·11	4½ 6	5 7	

* Burma rice.

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN SEKHS, PER BUPEE.		Character of the weather, condition of crops, &c.
			This week.	Previous week.	
1	2	3	4	5	6
6	BURDWAN ...	Inches. 1.06	5½	5½	Weather hot. Jute plants want moisture in places. Ploughing of fields continues. Sugarcane is doing well.
	Asansol ...	0.78	6	6½	
	Katwa ...	2.47	5½	5½	
	Kalna ...	0.96	4½	4½	
7	BIRBHUM ...	0.46	6½	6½	Standing crops are doing well. Fodder and water are sufficient.
	Rampurhat...	2.95	6½	6½	
8	BANKURA ...	0.43	5½	5½	Ploughing and manuring of fields continue. No large export or import of rice or paddy: prices are rising.
	Vishnupur...	0.68	5½	6	
9	MIDNAPORE...	2.94	5½	5½	Sowing of jute and autumn paddy is progressing. Prospects of late cotton and <i>rabi</i> <i>lil</i> are fair. Fodder is sufficient.
	Ghatal ...	1.17	(n)	5½	
	Tamluk ...	0.85	5½	4½	
	Contai ...	0.85	5½	5½	
10	HOOGHLY ...	2.32	5	5	Effects of weather on the growth of the crops are favourable. Fodder is sufficient. Price of rice is steady.
	Serampore ...	1.60	5	5	
	Arambagh ...	1.87	5½	5½	
11	HOWRAH ...	1.29	5	5	Weather hot. Sowing of paddy and jute continues. Condition of sugarcane is favourable. Fodder is sufficient.
	Ulubaria ...	2.15	5	5	
12	RAJSHAHI (RAMPUR-BOALIA).	1.81	5½	5½	Prospects of standing crops are favourable. Fodder is sufficient. Cattle-disease is reported from Lalpur and Bagatipara thanas.
	Nuogaon ...	(n)	(n)	5½	
	Nator ...	0.91	5½	5½	
13	DINAJPUR ...	1.24	5½	5½	The condition of weather is favourable to the standing crops. The agricultural operation for sowing <i>bhadoi</i> paddy and jute continues. Rice market is rising in Balurghat subdivision. Fodder and water are not wanting.
	Thakurgaon	1.41	6	6	
	Balurghat ...	1.47	5½	6½	
14	JALPAIGURI	0.64	5½	5	Prospects of standing crops are fair. Cattle-disease is reported from places. Fodder and water are sufficient.
	Alipur ...	2.98	5½	5½	

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN ANNAS, PER RUPEE.		Character of the weather, condition of crops, &c.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
15	DARJEELING	3.68	5	5½	Potatoes and maize are progressing. Stocks of rice, fodder and water are sufficient. Cattle-disease is prevalent at places.
	Kurseong ...	(n)	(n)	5	
	Siliguri ...	(n)	(n)	6	
	Kalimpong...	0.84	5	5½	
16	RANGPUR ...	2.36	5	5	Weeding of jute and <i>aus</i> paddy is going on. Prospects of standing crops are good, but some damage by recent hailstorm is reported from the Sadar and Kurigram subdivisions. Fodder and water are sufficient.
	Nilphamari	2.50	5½	5½	
	Kurigram ...	2.40	5*	5½	
	Gaibandha...	1.38	5	5½	
17	BOGRA ...	2.91	5	5½	Sowing of <i>aus</i> paddy is nearly finished. Weeding of jute and <i>aus</i> paddy continues. Cattle-disease is reported from some villages.
18	PABNA ...	1.53	4½	5	Prospects of standing crops are good. Fodder is sufficient.
	Sirajganj ...	2.71	4½	(n)	
19	MALDA ...	0.26	5½	5½	Sowing of <i>bhadoi</i> paddy and jute is finished. Standing crops are suffering from drought. Fodder and water are sufficient.
20	COOCH BEHAR	3.95	6½	6½	Weather hot and cloudy. Weeding of jute and <i>bitri</i> paddy and sowing of <i>haimanti</i> seeds in nurseries are going on. Cattle-disease is reported from Mathabhanga. Fodder is sufficient.
21	DACCA ...	1.63	{ 4½ 5*	{ 4½ 5*	Weather has been very hot and without usual breeze. Sowing of jute is finished and that of <i>aman</i> paddy is going on, the prospects are fair. Weeding of jute and paddy is in progress. Insects in few instances are to be seen in jute plants, but that is very insignificant. Import of rice is not sufficient at Manshiganj. The price of rice is increasing daily.
	Manikganj...	0.20	4½	4½	
	Narayanganj	2.36	4½	4½	
	Manshiganj (a)	1.19	4	4½	
22	MYMENSINGH	1.56	4½	4½	Weather seasonable with occasional showers. Weeding of jute and <i>aus</i> paddy is still going on. The outturn of <i>boro</i> paddy and the prospects of standing crops are fair. Water and fodder are sufficient. The price of rice is practically the same as in the previous week. Cattle-disease is reported from Netrakona subdivision.
	Jamalpur ...	0.60	4½	4½	
	Tangail ...	0.25	4½	4½	
	Netrakona ...	1.57	4½	4½	
	Kishorganj...	3.97	4½	5	

(n) Not reported.

* Burma rice.

(a) Manshiganj being very near to Dacca and Narayanganj, its rainfall statistics are not quoted. To give information regarding the northern part of the district, rainfall figures for Kapasia thana are reported here.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN ANNAS, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
23	FARIDPUR ...	3.64	$\left\{ \begin{array}{l} 4\frac{1}{2} \\ 6\frac{1}{2} \end{array} \right.$	$\left\{ \begin{array}{l} 4\frac{1}{2} \\ 5\frac{1}{2} \end{array} \right.$	Weeding of jute and paddy continues. Prospects of standing crops are hopeful. Fodder is sufficient. The prices of rice are rising.
	Goalundo ..	1.75	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
	Madaripur ...	0.71	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Gopalganj (a)	0.52	$\left\{ \begin{array}{l} 4\frac{1}{2} \\ 4\frac{1}{2} \end{array} \right.$	$\left\{ \begin{array}{l} 4\frac{1}{2} \\ 5\frac{1}{2} \end{array} \right.$	
24	BAKARGANJ (BARISAL).	0.78	4	4 $\frac{1}{2}$	Prospects of standing crops are good. Fodder and water are sufficient.
	Pirojpur ...	0.78	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Patuakhali ...	1.82	4 $\frac{1}{2}$	5	
	Dakshin Shabazpur (Bhola).	0.61	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
25	CHITTAGONG	0.23	$\left\{ \begin{array}{l} 4\frac{1}{2} \\ 5\frac{1}{2} \end{array} \right.$	$\left\{ \begin{array}{l} 4\frac{1}{2} \\ 5\frac{1}{2} \end{array} \right.$	Cultivation of aus crop and ploughing of fields for aman paddy are in progress. Harvesting of rabi crops is about completed. Prospects of standing crops are fair. Fodder is sufficient. Panga salt is selling at 12 and 8 seers per rupee at Sadar and Cox's Bazar respectively.
	Cox's Bazar	1.94	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
26	TIPPERA (COMILLA).	0.60	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Weeding of paddy and jute is going on. Prospects of standing crops are fair.
	Brahmanbaria.	2.97	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Chandpur ...	0.16	4 $\frac{1}{2}$	$\left\{ \begin{array}{l} 5 \\ 5\frac{1}{2} \end{array} \right.$	
27	NOAKHALI	0.35	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Prospects of standing crops are favourable. Cattle-disease is reported from thanas Chhagalnaya and Senbag.
	Feni ...	0.83	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
28	CHITTAGONG HILL TRACTS.	8.49	5	5	Weather hot and cloudy. Sowing of jhum continues. Fodder is sufficient. Cattle-disease is reported from Ramgarh.

(a) The rainfall at Haridaspur, which is very near to Gopalganj, is shown here.

* Burma rice.

† Local rice.

(n) Not reported.

J. C. Roy,

for Director of Agriculture, Bengal.

DACCA, the 30th May 1920.

Vital statistics of Towns with a population of 50,000 and over of the Bengal Presidency for the week ending Saturday, the 24th April 1920.

District.	No.	Towns.	POPULATION UNDER REGISTRATION ACCORDING TO CENSUS OF 1911.			MURDER REGISTERED.		DEATHS REGISTERED.											Total, all causes.		
			Male.	Female.	Total.	Number registered (excluding still-born births).	Still-born number registered.	Cholera.	Small-pox.	Typhus.	Fever.	Dysentery and diarrhoea.	Bemid- tary diseases.	Typhoid.	Other causes.	Number.					
																Male.	Female.	Total.			
Calcutta	1	Calcutta	607,674	288,393	896,067	207	16	71	53	3	74	147	14	193	364	265	629				
Howrah	2	Howrah	114,829	64,560	179,389	52	4	15	14	...	30	33	2	44	91	67	158				
Dacca	3	Dacca	68,091	45,460	108,551	61	1	3	1	...	40	14	1	14	42	34	76				
24-Parganas	4	Maniktila	31,735	22,032	53,767	20	1	1	1	...	15	10	...	17	20	28	48				
	5	Bhatpara	34,739	15,675	50,414	10	...	5	2	...	3	...	...	3	5	8	13		

N.B.—As the weekly statement has been furnished from the 10th January 1920 according to Government of Bengal. Municipal Department, letter No. 2159 Bn., dated the 26th December 1919, the figures for the column "Total of corresponding week of the previous year" are not available and therefore this column is omitted from the statement.

* including deaths from influenza.

CALCUTTA,

The 28th May 1920.

CHAS. A. BENTLEY,

Sanitary Commissioner for Bengal.

Vital statistics of Towns with a population of 50,000 and over of the Bengal Presidency for the week ending Saturday, the 1st May 1920.

DEATHS REGISTERED.																		
District.	No.	Towns.	POPULATION UNDER REGISTRATION ACCORDING TO CENSUS OF 1911.			BIRTHS REGISTERED.		Obstetrical.	Small-pox.	Fever.	Dysentery and diarrhoea.	Respiratory diseases.	Infectious.	Other causes.	Total, all causes.			
			Male.	Female.	Total.	Number registered (including still births).	Still born number registered.								Male.	Female.	Total.	
Calcutta	...	1 Calcutta	507,574	298,393	896,067	239	18	63	41	4	31	63	131	11	208	320	250	570
Howrah	...	2 Howrah	114,829	64,560	179,389	42	1	20	5	...	33	11	39	2	35†	67	78	145
Dacca	...	3 Dacca	63,091	45,460	108,551	54	...	2	...	...	24	3	14	1	27	44	27	71
24 Parganas	...	4 Manikiala	31,735	22,032	53,767	7	1	4	2	...	10	2	12	...	6	20	16	36
		5 Bhatpara	34,739	15,625	50,414	2	...	3	...	...	4	...	1	...	...	5	2	8

S.P.—As the weekly statement has been introduced from the 10th January 1920 according to Government of Bengal, Municipal Corporation, Letter No. 12458a, dated the 26th December 1919, the figures for the column "Total of corresponding week of the previous year" are not available and therefore this column is omitted from the statement.

† Including deaths from Beri-Beri.

CALCUTTA.

The 28th May 1920.

CHAS. A. BENTLEY,
Sanitary Commissioner for Bengal.

Statement of weekly gauge-readings on the rivers Ganges, and Brahmaputra at Goalando for the week ending 22nd May 1920.

Month and day.	Hour.	Height of surface above or below zero of gauge.	Height of surface above mean sea-level.	Height of surface above mean sea-level on same date last year.	Remarks.
1920.					
16th May	7 A.M.	12.5	12.5	9.6	Zero is placed at mean sea-level. The bench mark for the gauge is on a pucca pillar between the passenger ghât and Chandpur ghât. Its reduced level is 26.84.
17th "	7 "	12.5	12.5	9.3	
18th "	7 "	13.1	13.1	9.0	
19th "	7 "	13.5	13.5	8.9	
20th "	7 "	13.6	13.6	9.0	
21st "	7 "	13.9	13.9	8.1	
22nd "	7 "	13.9	13.9	9.2	

The previous year	...	Highest water level	...	23.7 on 15th September 1919.
Ditto	...	Lowest	...	8.1 on 24th February 1919.
Record (H.P. in Brahmaputra and Ganges)	...	Highest	...	25.75 on 26th August 1905.
Record (average flood in Brahmaputra and Ganges)	...	Ditto	...	23.74 on 20th and 21st August 1896.
Record (H.F. in Brahmaputra and Ganges)	...	Ditto	...	23.66 on 11th to 17th and 21st August and on 1st to 3rd September 1899.
Record (H.F. in Brahmaputra only)	...	Ditto	...	23.66 on 31st July 1900.
Record	...	Lowest	...	1.0 on 8th February 1914.
Do.	...	Ditto	...	2.42 on 18th March 1906.
Do.	...	Ditto	...	2.31 on 21st to 24th February and 24th to 25th March 1884.
Do.	...	Ditto	...	2.15 on 9th to 11th March 1885.
Do.	...	Ditto	...	2.16 on 16th, 17th and 20th to 21st March 1901.

N.B.—The gauge-reading commenced from 8th October 1908.

FARIDPUR, R. K. GHOSH,
The 24th May 1920. for Subdivisional Officer, P. W. D., Faridpur.

Statement of weekly gauge-readings on the river Ganges at Rampur-Boalia for the week ending the 22nd May 1920.

Date.	Hour.	Height of surface above or below zero—minus sign for same below zero.	Height of surface above mean sea-level according to P. W. D. datum.	Height of surface above mean sea-level on the same date last year according to P. W. D. datum.	Remarks.
1920.					
16th May	8 A.M.	Zero of gauge is at mean sea level.	36.60	35.31	P. W. D. datum 6.25 feet above Kidderpore dock wall. B. M. on College stop 64.93.
17th "	8 "		36.60	35.40	
18th "	8 "		36.60	35.51	
19th "	8 "		36.65	35.61	
20th "	8 "		36.60	35.68	
21st "	8 "		36.60	35.71	
22nd "	8 "		36.60	35.71	

			Old value.	According to P. W. D. datum
The previous year	...	Highest water level	61.29 on 18th September 1919	62.80
Ditto	...	Lowest	33.51 on 8th May 1919	35.01
Record	...	Highest	69.21 on 20th August 1879	64.44
Do.	...	Ditto	69.08 on 26th September 1885	64.27
Do.	...	Ditto	68.30 on 25th August 1896	63.47
Do.	...	Ditto	68.21 on 26th August 1890	63.40
Do.	...	Lowest	37.63 on 26th April 1884	32.82
Do.	...	Ditto	38.13 on 14th-16th April 1886	33.23
Do.	...	Ditto	39.02 on 21st-22nd April 1897	34.21
Do.	...	Ditto	39.23 on 6th-7th May 1908	34.47

N.B.—The gauge readings commenced from the 1st August 1887.

BOALIA: J. N. ROY,
The 22nd May 1920. Executive Engineer, Rajshahi Division.

Statement showing the gauge-readings at Dacca Water-Works Station on the river Buriganga for the week ending the 22nd May 1920.

Date	At 7 A.M.	AT HIGHEST WATER.		AT LOWEST WATER.		At 5 P.M.	Remarks.
		Time.	Readings.	Time.	Readings.		
1920.							
16th May	56.8	10-18	57.2	16-12	56.35	56.5	H. T. at 10-33 and F. T. at 16-30.
17th "	56.95	10-50	57.4	16-0	56.4	56.5	H. T. at 11-15 and F. T. at 16-15.
18th "	57.02	11-28	57.9	16-37	56.65	56.8	H. T. at 11-43 and F. T. at 16-30.
19th "	57.4	12-10	58.6	17-15	57.4	57.2	H. T. at 12-13 and F. T. at 17-35.
20th "	57.3	12-35	58.6	18-0	57.0	57.7	H. T. at 12-45 and F. T. at 18-10.
21st "	57.15	13-10	58.4	6-42	56.9	57.5	F. T. at 6-50 and F. T. at 13-25.
22nd "	56.9	13-48	58.1	7-20	56.7	57.3	F. T. at 7-40 and H. T. at 14.

Notable high and low water-levels of previous years.

27th August	1908	70.5	Taken at high tide.
5th September	1909	...	...	...	67.86
10th August	1910	...	...	...	69.88
1st "	1911	...	...	...	68.45
18th "	1912	...	...	...	67.16
31st "	1915	...	...	...	69.7
13th "	1916	...	...	...	68.1
13th "	1917	67.1	Taken at low tide.
31st "	1918	...	...	...	69.19
23rd February	1907	...	...	...	51.06
13th "	1908	...	...	...	51.06
12th March	1912	...	...	...	51.06
6th "	1914	...	...	...	60.00
22nd February	1915	...	...	...	60.39
15th "	1916	...	...	...	60.60
3rd March	1917	...	...	...	61.9
21st February	1918	...	...	...	61.40

DACCA,
The 28th May 1920.

BENODE BEHARI RAY,
for Executive Engineer, Dacca Divn.

**RESOLUTION REVIEWING THE WORK OF THE ANTI-HOOK-
WORM CAMPAIGN IN BENGAL.**

GOVERNMENT OF BENGAL.

MUNICIPAL DEPARTMENT.

Sanitation.

DARJEELING, THE 31st MAY 1920.

RESOLUTION No. 38T.—San.

ENQUIRY having shown the prevalence of hookworm infestation (ankylostomiasis) among the people of Bengal. His Excellency Lord Ronaldshay, towards the end of 1918, called together a conference of the Sanitary Board, members of District Boards and representatives of the jute, coal and tea industries and other interests, and invited their advice as to the measures to be taken to fight against the disease. It was then resolved that a campaign on comprehensive lines should be undertaken in the mills and other industrial concerns near Calcutta, in the tea gardens and collieries, on the railways and in selected rural areas. In accordance with the recommendations of the conference, Government appointed three special officers, with a subordinate staff, to supervise and direct operations. A year has now passed since their appointment, and the Governor in Council desires to review the results of the work which has been done.

2. Mill area and railways.—In the mill area, work was at first impeded by ignorant suspicion on the part of the operatives, who imagined that the arrangements were part of an insidious scheme connected with the Rowlatt Act and that persons suffering from the disease would be discharged; but this spirit of distrust was gradually overcome. The Governor in Council desires to take this opportunity to acknowledge cordially the assistance given by the staff of the Titagarh, Empire and Kelvin mills, to whose co-operation is due much of the success which attended the initiation of the campaign in the mill area. A striking instance of appreciation of the beneficial results of treatment is that of a man whose son, a boy six years' old, was suffering from the debility characteristic of ankylostomiasis. The boy's health improved so much after one treatment with thynol that his father refused to bring him again because his appetite had grown so keen that he could hardly manage to satisfy it. A high ratio of infestation has been detected, the percentage in one month being 75 in one mill and 92 in another; in a third mill it was found that even among skilled artisans, who mostly wore boots, as many as 35 per cent. were infected. During the first four months of the present year, 3,112 persons were examined, of whom 81·5 per cent. were found to be infected.

Laboratories for the examination of patients have been started at the Titagarh, Kelvin, Empire, Kinnison, Barnagore and Khardah mills and at the Howrah General Hospital, the last being selected because it is in the vicinity of a number of mills and factories. Arrangements have also been made by the Anglo-Indian Jute Mill for work on lines laid down by the special officer (Dr. McVail); while a laboratory, with a dispensary attached, on a plan approved by Dr. McVail is being constructed by the Russa Engineering Company. Training has been given to sub-assistant surgeons from the Bengal-Nagpur Railway and the ordnance factories at Cossipore, Ishapore and Dum-Dum. The chief medical officer of the Eastern Bengal Railway is arranging for the training of all assistant surgeons and sub-assistant surgeons in charge of railway hospitals, where the detection and

examination of hookworm disease will be made a routine practice. The chief medical officer of the East Indian Railway has applied for a complete set of apparatus, and when this is available, training will be given to officers under him.

The aim from the first has been to utilize the Government staff for initiating work and training the local staff, so that the managing authorities of the different concerns may take up anti-hookworm work themselves. It is impossible for the Government staff to open laboratories at all the centres where they are needed, and if the movement is to be extended, it will be necessary for the concerns, which will benefit by the enhanced efficiency and consequent output of their labour force, to provide laboratories and staff at their own expense.

3. **Tea gardens and colliery areas.**—In the tea gardens, the work of the special officer (Dr. Griffin) was greatly assisted by the Duars Planters' Association, which made a grant of Rs. 1,500 and formed a special committee to deal with matters connected with the campaign. A laboratory was opened at Jalpaiguri and a class started for the training of tea-garden doctors. Altogether 112 attended the first course and 74 the second, and training has now been given to the doctors on the majority of the gardens in the Duars. Lectures and demonstrations in simple hygiene were included in the course, and instruction was given in the diagnosis, cure and prevention of common intestinal parasitic affections. Public lectures were also given, which were so much appreciated that the schoolboys of Jalpaiguri asked for instruction in simple hygienic measures. Their request was gladly acceded to. Treatment for hookworm and other intestinal parasitic diseases is reported to be now general on the European estates, on many of which there had been a certain amount of treatment for some years, though not on fully systematic lines: some of their medical officers now intend to start central laboratories for pathological observation in the districts under their charge. Interest has also been aroused among the managers of Indian-owned gardens, on one of which an anti-hookworm centre has been started; and they are anxious to have their doctors trained and to get advice on water-supply and sanitation.

In the Darjeeling district, where Colonel Clayton Lane's researches had shown the wide prevalence of infection and the great improvement which treatment secures in the efficiency of the labour force, systematic treatment is being carried on in some gardens. Anti-hookworm centres have been started by the Government staff in three tea estates; and endeavours are being made to improve the sanitary arrangements for the labour force. In the colliery area, where the operations have been under the direction of the Miner Board of Health, work has been carried on at the Damudapur Colliery, and investigation is now in progress in the underground workings of the Jamuria Colliery.

Rural areas.—Anti-hookworm operations have been conducted under the direction of Dr. Gupta in the town of Burdwan and some selected villages in the Burdwan district. In order to diffuse knowledge of the disease, hookworm charts have been supplied to the schools, pamphlets have been distributed to the students and to the public, and lectures delivered illustrated by magic lantern slides. Efforts are being made to induce the people to give up the habit of resorting to jungle and waste land for the purposes of nature and to teach them the use of approved and cheap types of pit-prives, while persons found to be infected with hookworm are informed of the fact, and those who are willing to submit themselves to treatment are treated by trained sub-assistant surgeons. Progress is, however, disappointing, as the people are generally ignorant of the gravity of the disease; and it appears that an intensive educative campaign is necessary in order to convince them that hookworm infection is present, and is a potent but preventible cause of sickness and debility.

General.—Much has been done in the way of propaganda, for it has been realized from the first that progress must largely depend on the spread among the people of knowledge as to the prevalence of hookworm disease, its effect upon the health and efficiency of the community and the need for taking measures to prevent and reduce infection. A variety of literature, including booklets, pamphlets, leaflets and posters dealing with different aspects of the problem, has been widely circulated. Nearly 100 different lantern slides, illustrating the life-history of the hookworm and various aspects of preventive work, have been prepared, and sent issued to the various centres of work and to local authorities and others interested in the campaign. The extension of the campaign has, however, been impeded by difficulties in obtaining supplies of microscopes and other apparatus. No microscopes or centrifuges could be obtained from the United Kingdom; and it has been only the kindness of the Rockefeller Foundation in New York and its branch in Ceylon that made it possible to obtain the materials necessary for the work which has already been done.

By order of the Governor in Council,

L. S. S. O'MALLEY,

Secy. to the Govt. of Bengal.

RECONSTITUTION OF THE STANDING WATERWAYS ADVISORY COMMITTEE.

GOVERNMENT OF BENGAL

IRRIGATION DEPARTMENT.

CALCUTTA, THE 1ST JUNE 1920.

RESOLUTION—No. 1514-I.

Read—

Resolution No. 3847-I., by the Government of Bengal, Public Works (Irrigation) Department, dated the 28th August 1912.

Minutes of the proceedings of the meeting of the Standing Committee for waterways held on the 16th December 1914.

Minutes of the proceedings of the meeting of the Standing Committee for waterways held on the 14th February 1917.

Bengal Government letter No. 407-I., dated the 11th February 1919, to the Government of India, and

Letter No. 106-I., dated the 3rd April 1920, from the Government of India, Public Works Department, to this Government.

A Standing Committee was appointed in 1906 to inspect periodically the natural and artificial waterways between Calcutta and Eastern Bengal and Assam and to suggest measures of improvement. The Committee was at first composed of three officials and one representative of the steamer companies; and in 1911 one official and three non-official members were added. On the redistribution of the territories of Bengal with effect from the 1st April 1912, the whole position was examined with a view to enlarge and strengthen the existing Committee; and the Bengal Government decided that the Standing Committee should be enlarged, to consist of nine members and the member of the Executive Council in charge of the Public Works Department portfolio as President. The Government of Bihar and Orissa and the Administration of Assam were also asked to assist the Committee, should occasion arise, by deputing their Chief Engineers to advise the Committee upon such matters as come under its consideration which directly affect the waterways situated in those provinces.

2. The question of the formation of a Waterways Trust was discussed by the Standing Waterways Committee in 1914 and again in 1917, and it was strongly urged that a Trust should be constituted at an early date. No conclusion, however, was reached, mainly because the Committee were unable to put forward any practical constructive proposals for the establishment of such a Trust on a sound financial basis. In April 1918 the subject was again reopened by the Joint Steamer Companies of Calcutta when they urged among other things the necessity for centralised control in order to ensure greater co-ordination in the matter of river conservancy between the various local Governments concerned. Again in June 1918 the subject of the formation of a Waterways Board, to look after the interest of river transport in India, was raised by a question asked in the House of Commons. After a complete and exhaustive examination of the facts by the Government of Bengal and the Government of India, the following conclusions have been formulated by the Secretary of State for India—

(i) that the formation of a Waterways Board for the whole of India is undesirable, and that in present conditions the proposal that a Trust should be constituted to undertake the conservancy and development of the navigable waterways of Bengal, Bihar and Orissa and Assam cannot be entertained; and

(ii) that the existing Waterways Committee in Bengal should be continued, but that the sphere of its action should be enlarged by the nomination to it of extra provincial representation.

3. The Governor-in-Council has, therefore, decided in consultation with the Government of Bihar and Orissa and the Administration of Assam, and with the approval of the Government of India to enlarge the sphere of the existing Waterways Advisory Committee by making it possible to have extra provincial representatives. He has, therefore, decided to reconstitute the Standing Waterways Advisory Committee as follows:—

President.

The Member of the Bengal Executive Council in Charge of the Irrigation Branch of the Public Works Department.

Members.

The Chief Engineer, Irrigation, Government of Bengal.

The Chief Engineer, Irrigation, Government of Bihar and Orissa.

The Chief Engineer, Assam Administration.

An official member to be nominated by the Government of Bengal to advise the Committee on financial matters.

The Superintending Engineer, South-Western Circle.

A representative of Railway interests to be nominated by Government.

The Vice-Chairman of the Commissioners for the Port of Calcutta.

A member to be nominated by the Calcutta Chamber of Commerce.

A member to be nominated by the Bengal National Chamber of Commerce.

A member to represent the Commercial interests of Eastern Bengal to be nominated by the Narainganj Chamber of Commerce.

A member to be nominated by the Managing Agents of the India General Navigation and Railway Company and the Agents of the Rivers Steam Navigation Company acting jointly.

The Under-Secretary to the Government of Bengal in the Irrigation Department will act as Secretary to the Committee, and the records will be kept in the Bengal Secretariat.

The functions of the Standing Waterways Advisory Committee will be to advise on (a) the maintenance and improvement of waterways more specially the Ganges, Brahmaputra, Meghna group of waterways which connect Bengal with Bihar and Orissa on the one side and with Assam on the other; and (b) the regulation of traffic on these waterways.

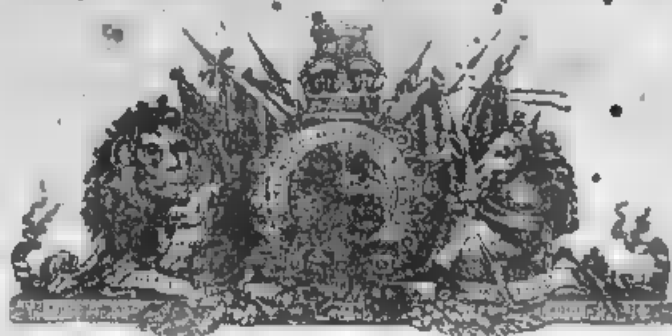
ORDER—Ordered that this Resolution be published in the *Calcutta Gazette*, and that a copy thereof be submitted to the Government of India, Public Works Department, for information.

Ordered also that copies of the Resolution be forwarded to the Secretary, Railway Board; the Government of Bihar and Orissa, Public Works Department; the Administration of Assam, Public Works Department; the Finance Department of this Government; Superintending Engineer, South-Western Circle; the Vice-Chairman, Port Commissioners, Calcutta; the Secretary, Bengal Chamber of Commerce, Calcutta; the Secretary, Narainganj Chamber of Commerce; the Secretary, Bengal National Chamber of Commerce, and the Managing Agents, Steamer Companies (India General Navigation and Railway Company and Rivers Steam Navigation Company), Calcutta, for information.

By order of the Governor in Council.

F. A. A. COWLEY,

Secy. to the Govt. of Bengal.



The Calcutta Gazette

WEDNESDAY, JUNE 9, 1920.

SUPPLEMENT.

OFFICIAL PAPERS.

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CONTENTS.

	Page		Page
Resolution on the Triennial report on the administration of the Registration Department for the years 1917, 1918 and 1919	663—665	Prices-current (wholesale and retail) of food-grains and salt, etc., in the districts of Bengal for the second-half of May 1920	660—670
Resolution on the report on the administration of the Jail Department in the Presidency of Bengal for the year 1919	666—667	Vital Statistics of the Towns of Bengal for the weeks ending 8th and 15th May 1920	671—672
List of prices of articles of food in Calcutta for the week ending Saturday, the 5th June 1920	668	Approximate Return of Traffic on the Circular and Eastern Canals for the weeks ending Saturday, the 22nd and 29th May 1920	673
Weather and Crop Report for the week ending on the 3rd June 1920	669—672	Statement of weekly gauge readings on the rivers in Bengal	674—676

RESOLUTION ON THE TRIENNIAL REPORT ON THE ADMINISTRATION OF THE REGISTRATION DEPARTMENT FOR THE YEARS 1917, 1918 AND 1919.

GOVERNMENT OF BENGAL.

REVENUE DEPARTMENT.

Registration Branch.

DARJEELING, THE 5TH JUNE 1920.

RESOLUTION—No. 1078E.R.

HEAD—

The triennial report on the administration of the Registration Department for the years 1917, 1918 and 1919.

The charge of the department was held by the late Inspector-General of Registration, Rai P. N. Mukharji Bahadur, I.S.O., till his retirement on 21st February 1919. His successor the Hon'ble Khan Bahadur Amin-ul-Islam held charge for the rest of the triennial period under review.

2. The most important event of the period was the introduction from May 1919, as an experimental measure, of the system of departmental registrars, already in force in Madras, in a few districts in Bengal. District officers in these districts have been relieved of all their legal and routine duties in connection with registration. The new district registrars are directly under the Inspector-General of Registration. They perform the ordinary duties which they have hitherto performed as district sub-registrars as well as those prescribed for the district registrars, and receive a duty allowance of Rs. 100 per mensem in addition to their pay as district sub-registrars. So far as it has gone, the experiment promises well. It is, however, too soon to make a definite pronouncement as to its success or failure; much also depends upon the personnel of the existing staff. Among other important reforms the following may be noted. The power to transfer and grant leave to sub-registrars has been delegated to the Inspector-General of Registration; and the rules regarding the recruitment of sub-registrars have been modified so as to eliminate direct appointments by Government except in exceptional cases.

3. An improvement of pay of practically the whole staff of the department was effected either during, or at the end of, the period under review. A scheme for the revision of the pay and strength of the ministerial establishment of district headquarters and rural registration offices was partially introduced in 1919 by granting clerks and muharrirs an immediate increase of 20 per cent. on their pay. Full effect has now been given to the scheme from 1st March 1920. The 4th grade on Rs. 175 per mensem in the cadre of district sub-registrars was eliminated, and the total number of appointments has been equally distributed among the remaining three grades on Rs. 200, Rs. 225 and Rs. 250 per mensem. A readjustment of the cadre of sub-registrars has been sanctioned with a view to secure an even flow of promotion throughout the four grades into which the sub-registrars are distributed at present. Sanction has also been accorded to the raising of the pay of probationers from Rs. 30 to Rs. 40 per mensem. A total annual additional expenditure of Rs. 2,12,773 has been incurred in the improvement of pay.

4. The rigid economy exercised on account of the war was continued during the triennium and prevented the adoption of the progressive policy already laid down for the opening of new offices, the construction of buildings for the offices and residences of sub-registrars, and the proper equipping of offices in furniture and iron-safes. The cyclone of September 1919 unroofed many of the registration offices in the affected area. The majority of these were located in unsatisfactory rented buildings, but no material damage occurred except that the records were drenched by the heavy rain. It has, however, emphasised the necessity of replacing the rented houses by substantial Government buildings.

The Mymensingh Registration office was burnt down by an accidental fire on the night of 14th April 1918. All the old records from 1793 consisting of about 35,000 volumes together with the current records were completely lost. Fortunately the gravity of the loss was lessened by the existence of a record-of-rights, which has just been completed for that district, in which the relations between landlord and tenant have been clearly defined.

5. The ordinary work of the department showed practically neither an increase nor a decrease for the whole triennium. It fell slightly in 1917, very largely in 1918, but rose again considerably in 1919. The number of offices open at the end of the triennium under review was 408 against 403 at its commencement. As compared with the preceding triennium, compulsory registrations affecting immoveable property increased by 2.9 per cent., and optional registrations decreased by 1.8 per cent. The total number of registrations under all heads was 4,913,594 in the period under review, showing the remarkably small difference of a decrease of only 216 on the number in the preceding triennium. The receipts of the department

during the past three years amounted to nearly Rs. 62½ lakhs and the expenditure to Rs. 33 lakhs, leaving a surplus of over Rs. 29 lakhs. As compared with the previous triennium the receipts increased by 5·2 per cent., the expenditure by 4·5 per cent., and the surplus by 6·2 per cent.

6. The marked increase in the year 1919, both in the number of, and receipts from, registrations over similar statistics for the year 1918 is attributed generally to high prices and particularly to famine in Bankura, distress in Brahmanbaria, the cyclone in East Bengal, the operations of the Calcutta Improvement Trust, and to speculation in land in Calcutta and in the 24-Parganas. On the other hand, the combined effect of these causes has been so far little more than to restore the normal conditions of the department. It was 1918 which was the abnormal year. Numbers and receipts fell in that year to Rs. 13½ and Rs. 17½ lakhs from Rs. 16½ and Rs. 20½ lakhs, respectively, in 1917 against Rs. 17½ and Rs. 21½ lakhs which would have been normally expected in 1918. It is remarkable that the decrease in 1918, as well as the increase in 1919, has been ascribed to adverse economic factors. This is an illustration of the fact mentioned in the resolution on the working of the previous triennium that the reasons for changes are often obscure. But it is, in the opinion of Government, more than probable that the decrease in 1918 was also largely due to the beautiful harvest which improved the material condition of agriculturists during that year.

7. The total number of appeals under section 72 and applications under section 73 decreased from 5,497 to 5,113. The number of prosecutions under section 83 for making a false denial of execution or false personation and its abetment rose from 86 to 202. No less than 134 cases were instituted in 1919 out of the 202 cases, and 132 cases were disposed of, of which 106 cases ended in conviction. The rules under the Registration Act were amended in 1918 so as to provide that thumb impressions should be taken of illiterate identifiers.

8. The special thanks of the Governor in Council are due to the late Inspector-General of Registration, Rai P. N. Mukharji Bahadur, i.s.o., for his able and efficient administration of the department and for his willing service and valuable assistance during the first two years of the triennium. His thanks are also due to the Hon'ble Khan Bahadur Amin-ul-Islam for his careful and energetic administration of the department since he has assumed the charge.

ORDER.—Ordered that a copy of this resolution be forwarded to the Inspector-General of Registration, Bengal, for information.

Ordered also that a copy of the resolution together with the report be submitted to the Government of India in the Home Department.

Ordered also that a copy of the resolution be forwarded to Rai P. N. Mukharji Bahadur, i.s.o., for his information.

Ordered also that the resolution be published in the *Calcutta Gazette*.

By order of the Governor in Council,

M. C. McALPIN;

Secy. to the Govt. of Bengal.

**RESOLUTION ON THE REPORT ON THE ADMINISTRATION
OF THE JAIL DEPARTMENT IN THE PRESIDENCY OF
BENGAL FOR THE YEAR 1919.**

GOVERNMENT OF BENGAL

POLITICAL DEPARTMENT.

Dated.

CALCUTTA, THE 7TH JUNE 1920.

RESOLUTION—No. 2378P.J.

READ—

The Report on the Administration of the Jail Department in the Presidency of Bengal for the year 1919.

READ ALSO—

The Reports for the years 1918 and 1917 and the resolutions of Government recorded thereon.

THE appointment of the Committee to investigate the system of prison administration in India has naturally overshadowed the working of the jails in Bengal during the past year, and the considered opinion of the Committee on various pending questions is awaited with interest. Any large reforms that may be advocated will, to some extent at least, be dependent on the suitability of the existing jail buildings for their introduction, and the chief defect in Bengal, viz., the overcrowded condition of most of the jails throughout the year, will still continue until more funds can be devoted to the enlargement of existing structures. Admissions in the past year were 4,905 more than in the preceding year, but the situation was relieved by the release of 2,338 prisoners on the occasion of the Peace celebration, and the grant of partial remissions of sentence to 8,000 others; this resulted in the average daily population being reduced to 15,887, or 874 less than in the preceding year.

2. It is satisfactory that the number of jail offences further decreased as compared with the previous year, the ratio of total punishments to daily population being 135 as against 142 in 1918. The penalty of whipping was inflicted in 40 cases, as compared with 42 in the previous year.

3. The year was not a healthy one, though the number of admissions to hospital decreased, and the daily average number of sick was 878 against 968 in the previous year, the death-rate rose from 21.3 to 22.9, the total number of deaths being 365 against 358 or higher than in any of the previous four years. The rise, however, corresponds to a similar rise in the case of the general population, and was largely due to the prevalence of influenza and cholera. Apart from epidemics, scarcity and hardships resulting from the cyclone in Eastern Bengal lowered the stamina of new admissions. Influenza appeared again in an epidemic form, and altogether 2,022 cases occurred, of which 67 proved fatal. The Presidency, Berhampore, Comilla, Barisal and Dacca jails had most cases, although otherwise the Berhampore and Comilla jails showed excellent records. The most unhealthy jails were Bardwan, Khulna, Mymensingh and Malda, and the healthiest Berhampore and Comilla.

4. The popularity of the wheat scale dietary continues. The use of wheat at one daily meal in lieu of rice has extended and considerably more than half the prisoners have now voluntarily adopted this diet. Statistics show that the incidence of bowel complaints is apparently less among them than among those on the ordinary rice diet. The average cost per prisoner on rice diet was Rs. 4-8-7, and on wheat scale diet Rs. 5-2-10.

5. The Juvenile jail at Alipore continues to do good work. The star class system instituted during the last few years has worked fairly well. The school which was started experimentally for the benefit of the inmates of the

jail having proved a success, has been made permanent, and hopeful results in physical and moral training were obtained, jail offences are steadily decreasing. The "Prisoners' Aid Society" and the "After-care Association," whose object is to provide work for juvenile prisoners on release are rendering useful assistance, but there is still much scope for better organisation and more practical sympathy from the public. The value of the quinine sold by the jail during the year amounted to over Rs. 5 lakhs, the profit on which exceeded Rs. 2 lakhs.

6. The outturn of jail manufactures exceeded that of the previous year, and the net cash earnings rose from Rs. 84,589 in the previous year to Rs. 5,31,142 in the year under report. There was a decrease in the outturn and profit of the Presidency Jail owing to the decrease in orders from Government departments. The Midnapore Central Jail was hampered in manufacturing uniforms for the Police Department by delay in receiving materials from the Munitions Board. The manufacture of woollen blankets in the Rajshahi Jail was limited so as not to interfere with the Dacca blanket factory which had ceased to supply blankets to the Military Department.

7. The conduct of the warder staff continued to be satisfactory. There was a slight increase in the number of departmental punishments. Fifty-eight warders resigned against 82 in the previous year. The decrease is satisfactory and is probably due to the sanction given by the Secretary of State, to pensions for the warder establishment, but the number of resignations is still high and considerable difficulty is met in recruiting. The improvement in recent years on the conditions of service of the warders appears to have been overtaken by the rise in the cost of living. A scheme for improving the conditions of the jailor service was submitted to the Secretary of State in December 1919, and has been sanctioned since the close of the year.

8. The thanks of the Government are due to Lieutenant-Colonel Thompson for his efficient management of the department. His Excellency in Council has read with pleasure the list of officers who have been commended by the Inspector-General.

ORDER.—Ordered that a copy of this resolution be forwarded to the Inspector-General of Prisons, Bengal, for information.

Ordered that a copy of this resolution and a copy of the report be submitted to the Government of India in the Home Department.

Ordered also that the resolution be published in the *Calcutta Gazette*.

By order of the Governor in Council,

H. L. STEPHENSON,

Chief Secy. to the Govt. of Bengal.

**List of prices of articles of food at Calcutta during the week ending
Saturday, the 5th June 1920.**

Names of articles.	WHOLESALE PRICE PER MAUND.		RETAIL PRICE PER SEER.	
	From—	To—	From—	To—
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rice—				
Balam, coarse	7 8 0	8 2 0	0 3 3	0 3 6
" medium	8 4 0	8 12 0	0 3 9	0 4 0
Patnai, coarse	8 12 0	9 1 0	0 3 6	0 3 7½
" medium	9 4 0	9 8 0	0 3 9	0 4 0
Nagra, coarse	8 4 0	8 15 0	0 3 3	0 3 6
" medium	9 0 0	9 4 0	0 3 9	0 4 0
Dudhkalma	...	...	...	...
Rangoon Boiled	...	...	...	...
Kajla	7 0 0	7 10 0	0 3 3	0 3 6
Wheat, Dadhia	6 12 0	...	...	...
" Gangajali	...	...	...	...
" Jamali	6 4 0	...	...	...
Gram, Patnai (whole)	6 4 0	6 8 0	0 3 0	...
" dal	8 0 0	8 8 0	0 4 0	0 5 0
Mung " (Hari)	6 8 0	6 12 0	0 4 6	0 5 0
" " (Krishna)	7 12 0	8 0 0	0 6 0	...
Arhar " "	9 0 0	10 0 0	0 4 0	0 6 0
Masur " (Split)	6 12 0	7 0 0	0 3 0	0 4 0
" " (Khanri)	9 8 0	10 0 0	0 4 6	0 5 6
Kalai " "	8 4 0	8 8 0	0 4 0	0 5 0
Salt	2 15 6	3 6 0	0 1 6	0 1 9
Sugar (Brown Java)	35 0 0	36 0 0	0 14 0	...
Gur, Bheli	...	...	0 5 6	...
" Bhursut	12 0 0	...	0 7 0	...
" Date	...	...	...	...
Milk	8 0 0	11 0 0	0 4 0	0 5 0
Mustard Oil	24 0 0	27 8 0	0 12 0	...
Flour (Country)	8 12 0	9 6 0	0 4 0	0 4 6
Atta, No. 3	5 12 0	...	...	...
" " 2½	6 0 0	...	0 3 6	0 4 6
" " B	9 8 0	...	...	...
Suji	9 0 0	9 8 0	0 4 0	0 4 6
Ghee (Bhadwa, Matki, etc.)	100 0 0	102 0 0	...	...
" (Patiram, Khurja, Ruto, Etwa, better kind, etc.)	96 0 0	97 0 0	2 6 0	3 0 0
" (Lalli, Etwa, Sagar, etc.)	92 0 0	94 0 0	...	...
Maize	4 8 0	5 0 0	...	...
Potatoes	5 4 0	6 0 0	0 1 6	0 2 6
Patal	3 0 0	6 0 0	0 2 0	0 2 6
Brinjal	Not in the market.	...	0 2 0	0 3 0
Onion	2 4 0	2 8 0	0 2 0	...
Fish (Rahu)	30 0 0	35 0 0	0 14 0	1 0 0
Mutton (2nd class)	...	...	0 10 0	...
Beef (2nd and 3rd classes)	...	...	0 3 0	0 5 0

N.B.—This is an abstract of prices at the following markets:—

Wholesale.—Chetla Hat, Ramkrishnapur Hat, Sealdah Fish and Milk Markets, Posta Bazar.

Retail.—Sir Stuart Hogg Market, Orphanage Market, Sova Bazar, Nutun Bazar, Raja Babu's Bazar, Bow Bazar, Jago Babus Bazar, Tallolia Bazar.

S. N. GHOSH,

for Commissioner, Presidency Division.

CALCUTTA, the 7th June 1920.

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 3rd June 1920.

Summary.—During the week light showers were reported from a few districts. Rain is urgently needed especially in West Bengal, where agricultural operations are being impeded and standing crops are suffering in places. Sowings of jute and autumn paddy continue slowly in the western districts while weeding is still going on in the eastern districts. Ploughing for and sowing of winter paddy in seed-beds are proceeding. The average price of common rice for the Province has risen by about 2 per cent. as compared with that of the previous week.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN RUPEES, PER TUPAK.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
1	24-PARGANAS	Inches. Nil	5	5½	Sowing of <i>aus</i> paddy continues. Rain is badly wanted in Basirhat and Diamond Harbour subdivisions. Fodder and water are sufficient.
	Diamond Harbour.	Nil	5½	5½	
	Barrackpore	(n)	(n)	5	
	Barasat ...	0·51	5½	5½	
	Basirhat ...	Nil	4½	4½	
2	NADIA ...	Nil	5½	5½	Sowing and weeding of <i>aus</i> paddy and jute continue. Rain is badly wanted. Cattle-disease is reported from thannas Chakdah, Chuadanga and Damarhuda.
	Kushia ...	Nil	5	5	
	Meherpur ...	Nil	5½	5½	
	Chuadanga...	Nil	6	6	
	Ranaghat ...	Nil	5	(n)	
3	MURSHIDABAD	Nil	5½	5½	Weather very hot. Condition of standing crops is fair. Prospects of <i>bhadai</i> crops and sugarcane are unfavourable for want of rain. Fodder is sufficient. There is no large import or export. Price of rice is rising.
	Lalbagh ...	Nil	5½	5½	
	Jangipur ...	Nil	6½	6½	
	Kandi ...	Nil	5½	5½	
4	JESSORE ...	Nil	4½	5	Sowing and weeding of jute and <i>aus</i> paddy are going on. Standing crops are suffering for want of rain. Fodder is sufficient. Import or export as usual.
	Jhenidah ...	Nil	5½	(n)	
	Magura ...	1·42	4½	4½	
	Narail ...	0·20	4½	4½	
	Bangaon ...	Nil	4½	5½	
5	KHULNA ...	1·15	4½	4½	Sowing of <i>aus</i> paddy and jute continues. More rain is wanted. Fodder and water are sufficient. Cattle-disease is reported from thannas Tala and Debhaita in Satkhira subdivision.
	Satkhira ...	Nil	4½	5.	
	Bagerhat ...	Nil	4½	4½ 6	

* Burma rice.

(n) Not reported.

Serial No.	District and sub-division	Rainfall.	PRICE OF COMMON RICE, IN ANNAS, PER RUPEE.		Character of the weather, condition of crops, &c.
			This week.	Previous week.	
		Inches.			
6	BURDWAN ...	Nil	5	5½	Weather very hot. Sowings for paddy seedlings and other agricultural operations are being retarded for want of rain. Jute plants and paddy seedlings are withering in places for want of moisture.
	Asansol ...	Nil	6	6	
	Katwa ...	Nil	5¾	5½	
	Kaṛṇa ...	Nil	5	4½	
7	BIRBHUM ...	Nil	6	6½	Weather hot. Standing crops are doing well. Ploughing is retarded for want of rain. Fodder and water are sufficient.
	Rampurhat ...	Nil	6	6½	
8	BANKURA ...	Nil	5½	5½	Manuring of fields continues. Export and import of rice and paddy are going on.
	Vishnupur ...	Nil	5½	5½	
9	MIDNAPORE ...	Nil	5½	5½	Sowing of autumn rice, jute and rabi til are being retarded for drought. Outturn of tobacco is fair. Fodder is sufficient.
	Ghatal ...	Nil	5½	5½	
	Tamluk ...	Nil	5½	4½	
	Contai ...	Nil	5½	5½	
10	HOOGHLY ...	Nil	4½	5	Effects of weather on the growth of the crops are unfavourable. Rain is urgently needed. Fodder is sufficient. Price of rice is rising at Serampore and Sadar.
	Serampore ...	Nil	4½	5	
	Arambagh ...	Nil	5½	5½	
11	HOWRAH ...	Nil	5½	5	Weather hot. Sowing of paddy and jute is suspended for want of rain. Fodder is sufficient.
	Ulubaria ...	Nil	4½	5	
12	RAJSHAH (RAMPUR-BOALIA).	0·03	4½	5½	Prospects of standing crops are favourable. Fodder is sufficient. Cattle-disease is reported from Nator, Lalpur and Bagatipara thanas.
	Nanguon ...	Nil	5½	(n)	
	Nator ...	0·09	4½	5½	
13	DINAJPUR ...	Nil	4½	5½	More rain is wanted for proper growth of the standing crops. Rice market is rising owing to export. Fodder and water are sufficient.
	Thakurgaon ...	Nil	6	6	
	Balurghat ...	0·85	5½	5½	
14	JALPAIGURI	1·82	5	5½	Prospects of standing crops are fair. Export of rice and paddy is going on, hence the prices are rising. Cattle-disease is reported from places. Fodder and water are sufficient.
	Alipur ...	1·10	5½	5½	

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	Price of common rice, in SEER, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
		Inches.			
15	DARJEELING	0.67	4½	5	Potatoes and maize are progressing. Stocks of rice, fodder and water are sufficient. Cattle-disease is prevalent at places.
	Kurseong ...	0.35	5	(n)	
	Siliguri ...	1.40	5	(n)	
	Kalimpong...	(n)	(n)	5	
16	RANGPUR ...	1.15	5	5	Weather hot. Weeding of jute and aus paddy continues. Rain is urgently wanted. Hailstorm accompanied by high wind referred to in last week's report now ascertained to have done considerable damage to standing crops, trees and huts in strip 70 miles by five miles in Kurigram, Sular and Nilphamari subdivisions. Price of rice is rising in places. Prospects of standing crops are fair. Fodder and water are sufficient. Cattle-disease is reported from Bhurungamari and Fulbari thanas.
	Nilphamari	Nil	5½	5½	
	Kurigram ...	1.07	4½	5	
	Gaibandha...	Nil	5	5	
17	BOGHA ...	0.02	4½	5	Weeding of jute and aus paddy continues. More rain is urgently wanted.
18	PABNA ...	Nil	4½	4½	Prospects of standing crops are good. Fodder is sufficient.
	Sirajganj ...	0.23	4½	4½	
19	MALDA ...	Nil	5	5½	Harvesting of boro paddy is nearly finished. Standing bhadoi paddy, and jute are suffering from drought. Fodder and water are sufficient.
20	COOCH BEHAR	2.33	6½	6½	Weather hot. Weeding operations and rearing of haimanti seeds in the nursery continue. Cattle-disease is still reported from Mathabhanga. Fodder is sufficient.
21	DACCA ...	0.04	{ 4½ 4½ }	{ 4½ 5 }	Weather very hot. Weeding of jute and paddy is going on. The jute crop is not thriving well for want of occasional showers. In some places jute plants are infested by insects but this is perhaps insignificant. Price of rice is increasing. Prospects of jute and paddy are fair.
	Manikganj ...	Nil	4½	4½	
	Narayanganj	Nil	4½	4½	
	Moushiganj (a)	Nil	4	4	
22	MYMENSINGH	0.29	4½	4½	Weather too hot. Weeding of jute and aus paddy is still going on. Preparation of soil for winter rice has commenced. Prospects of standing crops are not good for want of rain. Water and fodder are sufficient.
	Jamalpur ...	Nil	4½	4½	
	Tangail ...	Nil	4½	4½	
	Netrakona ...	(n)	(n)	4½	
	Kishorganj...	1.50	4½	4½	

(n) Not reported.

* Burma rice.

(a) Moushiganj being very near to Dacca and Narayanganj, its rainfall statistics are not quoted. To give information regarding the northern part of the district, special figures for Kapasia thana are reported here.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN RUPEES, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
		Inches.			
23	FARIDPUR ...	Nil	{ $4\frac{1}{2}$ $5\frac{1}{2}$ }	$4\frac{1}{2}$ $6\frac{1}{2}$ }	Rain is wanted. Weeding of jute and paddy still continues. Prospects of standing crops are fair. Fodder is sufficient. Price of rice is rising.
	Goalundo ..	Nil	5	$5\frac{1}{2}$	
	Madaripur ...	Nil	$3\frac{1}{2}$	$4\frac{1}{2}$	
	Gopalganj (a)	Nil	{ $4\frac{1}{2}$ $4\frac{1}{2}$ }	$4\frac{1}{2}$ $4\frac{1}{2}$ }	
24	BAKARGANJ (BARISAL).	0·69	{ 4 5 }	4	Prospects of standing crops are good. Fodder and water are sufficient. Cattle-disease is still prevalent in Patuakhali.
	Pirojpur ...	0·22	$4\frac{1}{2}$	$4\frac{1}{2}$	
	Patuakhali ...	0·68	4	$4\frac{1}{2}$	
	Dakshin Shabazpur (Bhola).	Nil	$4\frac{1}{2}$	$4\frac{1}{2}$	
25	CHITTAGONG	0·18	{ $4\frac{1}{2}$ $5\frac{1}{2}$ }	$4\frac{1}{2}$ $5\frac{1}{2}$ }	Cultivation of <i>aus</i> crops and ploughing of fields for <i>aman</i> paddy are in progress. Harvesting of <i>rabi</i> crops is completed. Prospects of standing crops are fair. Fodder is sufficient. <i>Panga</i> salt is selling at 12 and 8 seers per rupee at Sadar and Cox's Bazar respectively.
	Cox's Bazar	0·31	$5\frac{1}{2}$	$5\frac{1}{2}$	
26	TIPPERA (COMILLA).	Nil	{ $4\frac{1}{2}$ $5\frac{1}{2}$ }	4	Weather hot. Weeding operations are going on. Prospects of paddy are fair. Rain is badly needed.
	Brahmanbaria.	0·79	{ $4\frac{1}{2}$ $5\frac{1}{2}$ }	$4\frac{1}{2}$	
	Chaudpur ...	Nil	{ $4\frac{1}{2}$ $4\frac{1}{2}$ }	$4\frac{1}{2}$	
27	NOAKHALI	0·16	$4\frac{1}{2}$	$4\frac{1}{2}$	Weather hot. Prospects of standing crops are fair. More rain is wanted. Cattle-disease is reported from Chhagalnaya, Senbag and Feui.
	Feui ...	(Nil)	$4\frac{1}{2}$	$4\frac{1}{2}$	
28	CHITTAGONG HILL TRACTS.	0·05	5	5	Weather cloudy. Sowing of <i>jhum</i> continues. Fodder is sufficient. Cattle-disease is still reported from Ramgarh.

(a) The rainfall at Haridaspur, which is very near to Gopalganj, is shown here.
 * Burma rice † Local rice.
 (n) Not reported.

J. C. ROY.

(for Director of Agriculture, Bengal.)

DACCA, the 6th June 1920.

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned marts of Bengal for the second-half of May 1920.

Marts.	PAUJI (BEST QUALITY).						
	Present return.	Next preceding return.	Corresponding return of 1919.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.
	1	2	3	4	5	6	7
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta	4 4 0	4 4 0	4 3 0	2 12 0	3 0 0	3 3 0	3 4 0
Chella Hat	...	...	...	...	...	...	...
Burdwan	5 0 0	5 0 0	4 0 0	1 10 0	2 2 0	2 3 0	2 0 0
Kalna	...	...	...	...	...	...	...
Raniganj	...	...	...	...	...	...	...
Midnapore	4 5 0	4 3 0	4 4 0	1 12 0	2 4 0	2 0 0	2 10 0
Chittagong	10 0 0	(c) No sale.	4 0 0	(c) No sale.	2 0 0	2 10 0	2 10 0
Chandpur	...	...	...	...	...	...	...
Dacca	5 0 0	5 4 0	...	1 14 0	3 0 0	3 4 0	4 0 0
Narayanganj	...	...	...	...	...	...	...
Mymensingh	...	...	...	...	...	...	...
Madaripur	...	...	...	...	...	...	...
Pabna	4 11 0	4 5 0	4 5 0	0 3 0	2 11 0	3 4 0	3 0 0
Sirajganj	...	...	...	...	...	...	...
Rangpur	4 12 0	4 0 0	4 0 0	1 10 0	0 14 0	3 4 0	3 0 0

Marts.	PAUJI (COMMON QUALITY).						
	Present return.	Next preceding return.	Corresponding return of 1919.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.
	9	10	11	12	13	14	15
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta	2 12 0	2 12 0	4 0 0	2 4 0	2 10 0	3 0 0	3 0 0
Chella Hat	...	...	...	...	...	...	...
Burdwan	4 5 0	4 5 0	2 14 0	1 0 0	2 0 0	2 15 0	2 14 0
Kalna	...	...	...	...	...	...	...
Raniganj	...	...	...	...	...	...	...
Midnapore	4 0 0	3 15 0	4 0 0	1 7 0	2 0 0	3 0 0	2 15 0
Chittagong	4 0 0	4 0 0	4 0 0	(c) No sale.	2 0 0	2 15 0	2 10 0
Chandpur	...	...	...	...	...	...	...
Dacca	5 2 0	5 0 0	...	1 12 0	3 0 0	3 0 0	3 0 0
Narayanganj	...	...	...	...	...	...	...
Mymensingh	...	...	...	...	...	...	...
Madaripur	...	...	...	...	...	...	...
Pabna	4 10 0	4 4 0	4 5 0	4 12 0	2 7 0	2 0 0	3 15 0
Sirajganj	...	...	...	...	...	...	...
Rangpur	4 0 0	4 2 0	2 5 0	1 4 0	2 0 0	2 0 0	2 0 0

(c) No sale.

Wholesale prices-current of food-grains, salt, etc., in the various mentioned marts of Bengal for the second-half of May 1920.

Marts.	RICE (BEST QUALITY).						
	Present return.	Next preceding return.	Corresponding return of 1919.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.
	16	17	18	19	20	21	22
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	8 6 0	8 3 0	7 5 0	6 8 0	7 0 0	7 12 0	7 2 0
Chitta Hag	...	...	...	...	...	...	...
Burdwan ...	8 0 0	8 0 0	8 0 0	4 10 0	5 4 0	5 5 0	6 0 0
Kalna ...	...	...	...	...	...	...	...
Barisal ...	...	...	...	...	...	...	...
Midnapore ...	7 6 0	7 3 0	7 6 0	3 5 0	4 12 0	4 5 0	5 2 0
Chittagong ...	10 0 0	11 0 0	12 0 0	7 2 0	8 0 0	10 0 0	9 0 0
Chandpur ...	...	...	...	...	...	...	...
Dacca ...	10 2 0	8 0 0	...	4 0 0	5 12 0	6 0 0	7 0 0
Narayanganj ...	...	...	...	...	...	...	...
Mymensingh ...	...	...	...	...	...	...	...
Madaripur ...	...	...	...	...	...	...	...
Pabna ...	11 0 0	11 0 0	5 0 0	3 0 0	7 0 0	7 4 0	3 0 0
Sirajganj ...	...	...	...	...	...	...	...
Bangpur ...	9 0 0	9 0 0	5 0 0	4 0 0	5 4 0	5 0 0	7 2 0

Marts.	RICE (COMMON QUALITY).						
	Present return.	Next preceding return.	Corresponding return of 1919.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.
	23	24	25	26	27	28	29
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta ...	8 4 0	8 4 0	7 0 0	4 0 0	5 12 0	6 0 0	6 4 0
Chitta Hag	...	...	...	...	...	...	...
Burdwan ...	7 5 0	7 5 0	3 0 0	2 15 0	3 2 0	5 0 0	4 0 0
Kalna ...	...	...	...	...	...	...	...
Barisal ...	...	...	...	...	...	...	...
Midnapore ...	7 0 0	5 12 0	7 0 0	3 14 0	4 4 0	5 0 0	4 12 0
Chittagong ...	8 0 0	8 0 0	6 0 0	3 0 0	4 3 0	5 0 0	4 5 0
Chandpur ...	...	...	...	...	...	...	...
Dacca ...	8 0 0	8 0 0	...	3 12 0	5 4 0	5 12 0	5 12 0
Narayanganj ...	...	...	...	...	...	...	...
Mymensingh ...	...	...	...	...	...	...	...
Madaripur ...	...	...	...	...	...	...	...
Pabna ...	8 4 0	7 5 0	3 0 0	3 0 0	4 0 0	5 0 0	5 10 0
Sirajganj ...	...	...	...	...	...	...	...
Bangpur ...	7 5 0	7 5 0	7 12 0	3 12 0	4 12 0	5 0 0	6 0 0

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned marts of Bengal for the second-half of May 1920.

Marts.	WHEAT.						
	Present return.	Next preceding return.	Corresponding return of 1915.	Corresponding return of 1916.	Corresponding return of 1917.	Corresponding return of 1918.	Corresponding return of 1919.
	20	21	22	23	24	25	26
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta	3 0 0	3 0 0	3 0 0	3 2 0	4 5 0	3 14 0	4 2 0
Chitala Bazar	...	...	...	...	...	...	...
Hardwar	3 0 0	3 0 0	(a)	4 2 0	3 11 0	3 0 0	3 0 0
Kalna	...	...	...	...	...	...	...
Railganj	...	...	...	...	...	...	...
Midnapore	...	...	...	...	...	...	...
Chittagong	...	...	10 0 0	...	...	...	...
Chandpur	...	...	...	...	...	...	...
Dacca	3 4 0	3 4 0	...	...	...	...	...
Narayanganj	...	...	...	...	...	...	...
Mymensingh	...	...	...	...	...	...	...
Madaripur	...	...	...	...	...	...	...
Pabna	3 0 0	3 0 0	7 0 0	3 10 0	4 0 0	...	...
Birgaonj	...	...	...	...	...	...	...
Rangpur	4 0 0	4 0 0	10 0 0	5 4 0	5 4 0	5 3 0	5 2 0

Marts.	KALSI DAL.						
	Present return.	Next preceding return.	Corresponding return of 1915.	Corresponding return of 1916.	Corresponding return of 1917.	Corresponding return of 1918.	Corresponding return of 1919.
	27	28	29	30	31	32	33
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta	3 0 0	3 0 0	3 0 0	3 0 0	4 12 0	3 0 0	3 0 0
Chitala Bazar	...	...	...	...	...	...	...
Hardwar	3 0 0	3 0 0	10 0 0	6 4 0	4 2 0	3 2 0	3 0 0
Kalna	...	...	...	...	...	...	...
Railganj	...	...	...	...	...	...	...
Midnapore	3 0 0	3 2 0	14 2 0	7 0 0	3 0 0	4 4 0	4 2 0
Chittagong	...	...	...	...	...	...	...
Chandpur	...	...	...	...	...	...	...
Dacca	10 2 0	10 12 0	...	...	...	...	...
Narayanganj	...	...	...	...	...	...	...
Mymensingh	...	...	...	...	...	...	...
Madaripur	...	...	...	...	...	...	...
Pabna	...	...	...	...	...	...	...
Birgaonj	...	...	...	...	...	...	...
Rangpur	3 0 0	3 0 0	3 0 0	6 2 0	7 0 0	7 0 0	6 4 0

(a) Not available.

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned parts of Bengal for the second-half of May 1920.

Parts.	RUPEES.						
	Present return.	Next preceding return.	Corresponding return of 1919.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta	8 0 0	8 0 0	7 0 0	4 8 0	3 0 0	3 0 0	3 8 0
Chitt. Hill	4 12 0	4 12 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Burdwan	to 5 0 0	to 5 0 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Kalga	5 12 0	5 12 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Raniganj	5 12 0	5 12 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Midnapore	to 5 12 0	to 5 12 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Chittagong	5 12 0	5 12 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Chandpur	5 12 0	5 12 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Dacca	7 0 0	7 0 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Barisal	7 0 0	7 0 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Mymensingh	7 0 0	7 0 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Madaripur	7 0 0	7 0 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Patna	7 0 0	7 0 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Shrirang	7 0 0	7 0 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0
Rangpur	7 0 0	7 0 0	7 3 0	3 4 0	3 5 0	3 4 0	4 0 0

Parts.	ANNUAL DAL.						
	Present return.	Next preceding return.	Corresponding return of 1919.	Corresponding return of 1918.	Corresponding return of 1917.	Corresponding return of 1916.	Corresponding return of 1915.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta	8 0 0	8 0 0	7 3 0	5 0 0	4 2 0	5 3 0	6 4 0
Chitt. Hill	4 12 0	4 12 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Burdwan	5 12 0	5 12 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Kalga	5 12 0	5 12 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Raniganj	5 12 0	5 12 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Midnapore	to 5 12 0	to 5 12 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Chittagong	5 12 0	5 12 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Chandpur	5 12 0	5 12 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Dacca	7 0 0	7 0 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Barisal	7 0 0	7 0 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Mymensingh	7 0 0	7 0 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Madaripur	7 0 0	7 0 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Patna	7 0 0	7 0 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Shrirang	7 0 0	7 0 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0
Rangpur	7 0 0	7 0 0	7 3 0	5 14 0	4 0 0	5 3 0	6 10 0

(a) Not available.

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned marts of Bengal for the second-half of May 1920.

Marts.	LENTILS.			MUSTARD.			RICE.			COTTON (HONGKONG).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta	13 0 0	12 0 0	12 0 0	12 0 0	12 0 0	11 3 0	10 0 0	10 0 0	7 10 0	25 0 0	25 0 0	25 0 0
Chitta Bā	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan	10 0 0	10 10 0	(a)...	...	...	13 0 0	...	...	7 0 0	25 0 0	25 0 0	(a)...
Kalna	...	...	...	...	...	...	...	...	...	...	...	...
Baughaj	...	...	...	...	...	...	...	...	...	...	...	...
Midnapore	10 0 0	10 0 0	7 0 0	11 0 0	11 0 0	14 0 0	10 0 0	10 0 0	7 10 0	40 0 0	40 0 0	40 0 0
Chittagong	12 0 0	14 0 0	10 0 0	10 0 0	10 0 0	13 0 0	13 0 0	11 0 0	12 0 0	...	...	16 0 0
Chandpur	...	...	...	...	...	...	...	...	...	...	...	...
Dacca	5 0 0	12 0 0	...	10 0 0	10 0 0	...	15 0 0	14 0 0	...	...	...	...
Narayanganj	...	...	...	...	...	...	...	...	...	...	...	...
Mymensingh	...	...	...	...	...	...	...	...	...	...	...	...
Madaripur	...	...	...	...	...	...	...	...	...	...	...	...
Fabua	10 0 0	3 12 0	(a)...	3 12 0	3 12 0	10 11 0	3 12 0	3 11 0	3 0 0	...	...	...
Stratton	...	...	...	...	...	...	...	...	...	...	...	...
Rangpur	...	...	...	3 12 0	11 0 0	12 0 0	7 12 0	3 0 0	11 0 0	...	...	...

Marts.	JUTE.			GHEE.			RICE (COW).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Calcutta	10 0 0	10 0 0	10 0 0	20 0 0	20 0 0	75 0 0	450 0 0	450 0 0	450 0 0
Chitta Bā
Burdwan	(a)...	(a)...	(a)...	20 0 0	27 0 0	75 0 0	(a)...	(a)...	(a)...
Kalna
Baughaj
Midnapore	3 0 0	3 0 0	7 0 0	20 0 0	20 0 0	74 0 0	275 0 0	300 0 0	300 0 0
Chittagong(a)
Chandpur(a)
Dacca
Narayanganj
Mymensingh
Madaripur
Fabua	100 0 0	100 0 0	75 0 0	...	...	...
Stratton
Rangpur	77 0 0	75 0 0	75 0 0	Per piece.	Per piece.	Per piece.

(a) Not reported.

(b) Not available.

(c) Not available.

Single.

Wholesale prices-current of food-grains, salt, etc., in the under-mentioned parts of Bengal for the second-half of May 1920.

Mark.	RICE.			SALT.			KEROSENE OIL.		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	70	80	61	82	88	84	85	86	87
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Cochin	10 0 0	10 0 0	10 0 0	3 6 0	3 6 0	3 3 0	3 15 0(a)	3 15 0(a)	4 4 0(a)
Chitta Hat									
Burdwan	12 0 0 to 17 0 0	12 0 0 to 17 0 0	15 0 0	3 12 0	3 12 0	3 2 0	3 2 0 0	3 2 0 0	2 8 0(e)
Kalma									
Baniganj									
Midnapore	3 0 0 to 13 0 0	3 0 0 to 13 0 0	5 15 0 0	3 5 0	3 5 0	3 3 0	4 2 0(a)	4 2 0(a)	3 4 3(b)
Chittagong	18 0 0	18 0 0	24 0 0	3 2 0	3 0 0	3 4 5	3 0 0	3 0 0 0(m)	4 0 0(e)
Chandpur									
Dacca				3 12 0	3 12 0		4 1 0(a)	4 1 0(a)	(c)
Narayanganj									
Mymensingh									
Madaripur									
Pabna	22 0 0 to 25 0 0	22 0 0 to 25 0 0	20 0 0	4 0 0	3 12 0	4 0 0	4 3 0(a)	4 4 0(a)	4 12 0(a)
Shirganj									
Rangpur	21 0 0	20 0 0	23 0 0	3 3 0	3 3 0	4 0 0	4 3 0(a)	4 4 0(a)	3 3 3(d)

(a) Monkey brand. | (b) Shing Sun. | (c) Mosque. | (d) Victoria brand. | (e) Elephant. | (h) Gold mohar.

Mark.	MUSTARD OIL.			FIREWOOD.			COAL (BEGGAL).		
	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	89	85	90	91	97	93	94	95	96
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Cochin	25 0 0	25 0 0	23 0 0	0 10 0	0 10 0	0 10 0			
Chitta Hat							0 12 0	0 12 0	0 0 0
Burdwan	24 4 0	24 4 0	25 0 0	0 0 0	0 2 0	0 2 0	0 14 0	0 12 0	0 7 5
Kalma							0 10 0	0 13 0	0 2 0
Baniganj							0 2 0	0 3 0	0 2 3
Midnapore	23 0 0 to 30 0 0	23 0 0 to 30 0 0	25 0 0	0 7 0	0 7 0	0 7 0			
Chittagong (n)	20 0 0	21 0 0	25 0 0						
Chandpur									
Dacca	25 0 0	25 0 0							
Narayanganj									
Mymensingh									
Madaripur									
Pabna	25 0 0	25 0 0	25 0 0						
Shirganj									
Rangpur	25 0 0	25 0 0	25 0 0						

(n) Not reported.

J. C. ROY,

for Director of Agriculture, Bengal.

Dacca, the 6th June 1920.

Prices-current (retail) of food-grains, salt, etc., in the districts of Bengal for the second-half of May 1920.

Division.	District and Taluk.	QUANTITY PER BUTTER IN SEERS OF NINETY TOLAS.														
		COMMON RICE.						KALAI DAL (Phaseolus radiatus).			ARHAR (DAL) OR TURR. (Cajanus caryocarpus).			SALT.		
		Average.			Cheapest.			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.									
Number.		S. CR.	S. OR.	S. CR.	S. OR.	S. CR.	S. OR.	S. CR.	S. OR.	S. CR.	S. CR.	S. OR.	S. CR.	S. OR.	S. CR.	S. OR.
24-PARGANAS.																
1	Chitta Hat ...	4 5	5 0	5 0	5 5	5 5	5 5	4 9	4 8	4 0	4 0	4 0	4 0	10 10	10 10	11 6
2	Magra Hat ...	5 0	5 7	5 5	5 8	5 12	5 15	(a)	(a)	(a)	3 14	3 8	3 10	10 12	11 12	11 6
3	Dahulla-Bellaghata ...	4 12	4 12	5 3	5 3	5 5	5 3	4 7	4 7	4 11	4 0	4 0	4 0	10 0	10 0	10 0
NADIA.																
4	Goori ...	5 11	5 11	5 5	(a)	(a)	4 4	3 5	3 2	3 5	3 5	3 5	3 5	11 0	11 0	11 0
5	Baughat ...	5 2	5 8	5 4	5 2	5 0	5 15	4 0	4 0	4 0	4 0	4 0	4 2	10 3	10 0	10 0
MURSHIDABAD.																
6	Borhampur ...	5 4	5 8	5 0	5 5	5 05	5 4	5 0	5 0	3 12	4 0	4 2	4 4	12 0	12 0	11 0
7	Kandi ...	5 14	6 0	5 2	5 2	5 1	5 0	5 0	5 0	4 2	5 0	5 0	4 8	10 8	10 8	11 8
8	Jangipur ...	5 12	5 12	5 0	5 14	7 0	5 2	4 0	4 0	3 8	4 0	4 0	3 6	14 0	14 0	10 2
JENMUR.																
9	Sadar ...	4 3	4 2	5 4	5 4	5 10	5 0	3 4	3 4	3 4	3 4	3 4	4 8	12 4	12 0	11 0
10	Bageon ...	4 0	5 2	5 2	4 14	5 11	7 0	3 3	3 3	2 11	3 2	3 3	4 0	12 5	12 0	11 4
KHULNA.																
11	Sadar ...	4 0	5 0	5 14	4 4	5 0	5 0	4 0	4 2	3 8	3 8	3 8	3 4	10 2	10 2	10 0
12	Ragerhat ...	5 0	5 2	5 2	5 0	7 0	7 0	5 0	5 0	5 0	3 8	3 10	4 14	9 0	9 0	10 2
BURDWAN.																
13	Sadar ...	5 5	5 2	5 0	5 0	5 0	5 4	5 0	5 0	3 4	4 5	4 5	(a)	10 05	10 0	12 0
14	Kalbe ...	5 0	5 0	5 4	5 4	5 4	5 2	4 5	4 4	3 5	3 5	3 5	3 5	10 5	10 5	10 12
DURGAM.																
15	Sari ...	5 0	5 0	5 0	4 12	5 12	5 4	4 0	4 0	4 0	5 0	5 4	3 4	12 0	12 0	9 4
16	Rampur Hat ...	5 0	5 5	4 12	7 2	5 0	5 0	5 0	5 0	4 5	4 0	4 0	3 5	11 0	11 0	11 0
BANKURA.																
17	Sadar ...	5 10	5 0	5 0	5 0	5 4	5 4	4 2	4 2	3 12	3 8	3 5	4 0	11 0	11 0	11 0
18	Vishnupur ...	5 10	5 14	5 5	5 12	5 2	5 10	4 5	4 5	4 0	4 0	4 2	3 8	11 0	11 0	10 5
MIDNAPUR.																
19	Sadar ...	5 11	5 13	5 3	5 5	5 0	5 19	4 0	4 0	3 4	3 5	3 5	3 4	10 5	10 5	10 2
20	Costa ...	5 2	5 0	5 0	5 0	5 2	5 2	3 0	3 0	3 5	3 0	3 0	3 5	10 5	10 5	10 2
HOOCHLY.																
21	Sadar ...	4 12	4 12	5 0	5 0	5 0	5 0	4 0	4 0	3 2	3 3	4 0	3 5	11 0	11 0	10 0
22	Arambagh ...	5 5	5 5	5 2	5 12	5 12	5 4	3 3	3 2	2 5	3 4	3 4	3 5	10 10	10 10	10 10
HOWRAH.																
23	Sadar ...	5 5	5 0	5 0	5 0	5 0	5 12	5 4	5 2	3 12	4 0	3 12	3 12	12 0	12 0	10 0
24	Udcharia ...	4 10	4 14	5 0	5 0	5 4	5 0	5 0	5 0	4 0	4 4	4 4	3 5	12 5	12 0	11 0
RAJSHAH.																
25	Rampur-Bosilla ...	5 2	5 12	5 4	5 4	5 14	5 4	5 12	5 5	4 0	4 5	4 5	3 5	11 0	11 0	10 4
26	Nator ...	5 4	5 5	5 12	5 5	5 2	5 5	4 0	4 0	5 0	4 0	4 0	7 0	5 5	5 5	5 0
27	Dinajpur-Railway Bank Hat ...	5 4	5 0	4 12	5 11	5 2	5 2	3 12	3 12	4 12	2 2	3 3	3 10	10 0	10 0	10 5
28	Sainjpur-Sadar ...	5 5	5 12	5 5	5 0	5 4	5 5	4 0	4 0	4 0	4 0	4 0	4 0	10 0	10 0	5 2

* Karkash.

(a) Not available.

(a) Not reported.

Prices-current (retail) of food-grains, salt, etc., in the districts of Bengal for the Second-half of May 1920—*concl'd.*

QUANTITY PER MUPKE IN SERIES OF EIGHTY TOLAR.

DIVISION.

RASSAH—*concl'd.*

DACCA.

CHITTAGONG.

DISTRICTS AND PARTS.	Number.	COMMON RICE.	SALAI DAL (Pigeon's radium).	ARBAR (DAL) OR TUR, CHANAN PNA (Chickens' feed).	SALT.	
		Average.		(Unripe).		
		Present return.	Next preceding return.	Corresponding of last year.	Present return.	Next preceding return.

* Karkotah.

(b) Burma rice.

(n) Not available.

(a) Not reported.

J. O. Roy,

for Director of Agriculture, Bengal.

DACCA, the 6th June 1920.

Vital statistics of Towns with a population of 50,000 and over of the Bengal Presidency for the week ending Saturday, the 8th May 1920.

District.	No.	Towns.	POPULATION UNDER REGISTRATION ACCORDING TO CENSUS OF 1911.			BIRTHS REGISTERED.		DEATHS REGISTERED.							Total, all causes.	
			Male.	Female.	Total.	Number registered (excluding still-births).	Still-births registered.	Infants.	Smallpox.	Flagon.	Fetors.	Dysentery and diarrhoea.	Respiratory diseases.	Other causes.	Male.	Female.
Calcutta	...	1 Calcutta	607,674	288,393	896,067	221	23	78	44	2	72	60	121	6	326	264
Howrah	...	2 Howrah	114,829	64,660	179,389	49	3	23	8	...	28	17	27	1	80	65
Dacca	...	3 Dacca	63,091	45,460	108,551	50	...	4	...	...	35	4	9	3	39	34
24 Parganas	...	4 Manikiala	31,735	22,032	53,767	8	...	...	2	...	7	2	10	...	12	19
	...	5 Bhairava	34,739	15,675	50,414	3	...	1	...	...	5	1	2	1	6	4

N.B.—As the weekly statement has been introduced from the 16th January 1920 according to Government of Bengal, Municipal Department, letter No. 1366/Jan. dated the 20th December 1919, the figures for the year 1919, the figures for the corresponding week of the previous year, and not available and therefore this column is omitted from the statement.

* Including deaths from Infectious.

† Including deaths from Birth-Dist.

CALCUTTA.
The 28th May 1920.

CHAS. A. BENTLEY
Sanitary Commissioner for Bengal.

Vital statistics of Towns with a population of 50,000 and over of the Bengal Presidency for the week ending Saturday, the 15th May 1920.

POPULATION UNDER REGISTRATION ACCORDING TO CENSUS OF 1911.			BIRTHS REGISTERED.		DEATHS REGISTERED.												
No.	Towns.	Male.	Female.	Total.	Number registered (excluding still births).	Still-born number registered.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and diarrhoea.	Respira- tory diseases.	Injuries.	Other causes.	Male.	Female.	Total.
1	Calcutta ...	607,674	288,393	896,067	270	20	56	30	1	56	67	113	10	197	309	211	520
2	Howrah ...	114,829	64,560	179,389	35	2	18	5	...	25	15	12	2	40†	57	61	118
3	Dacca ...	63,091	45,460	108,551	38	...	1	1	...	28	3	13	2	11	34	25	59
4	Medinipur ...	31,735	22,032	53,767	11	1	5	2	...	8	5	13	...	13	24	21	45
5	Bhatpara ...	34,739	15,676	50,414	10	...	1	...	...	4	1	2	...	1	6	3	9

NOTE.—As the weekly statement has been introduced from the 10th January 1920 according to Government of Bengal, Municipal Department, letter No. 1215 S.O., dated the 20th December 1919, the figures for the column "Total of corresponding week of the previous year" are not available and therefore this column is omitted from this statement. † Including deaths from India.

CALCUTTA.

The 3rd June 1920.

CHAS. A. BENTLEY.

Sanitary Commissioner for Bengal.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate return of traffic on the Circular and Eastern Canals for the week ending Saturday, the 22nd May 1920, as compared with the corresponding week of the previous year.

Nature of cargo.	WEEK ENDING SATURDAY, THE 22ND MAY 1920.			WEEK ENDING SATURDAY, THE 24TH MAY 1919.		
	Number of boats.	Weight of cargo.	Tonnage.	Number of boats.	Weight of cargo.	Tonnage.
		Mds.	Rs.		Mds.	Rs.
Rice and paddy ...	200	55,075	881	396	96,185	1,375
Jute ...	58	29,656*	304	48	50,458†	411
Firewood ...	48	60,150	919	44	34,850	554
Other articles ...	728	187,429	2,186	677	224,699	2,564
Total ...	1,134	332,320	4,290	1,165	406,192	4,904
Empty boats and rafts ...	405	...	1,245	347	...	1,468
GRAND TOTAL ...	1,559	332,320	5,535	1,512	406,192	6,372

Mds.
* Weight by canal measurement ... 57,100
† Ditto ditto ... 54,137

CALCUTTA.

The 1st June 1920.

G. J. ST. C. SEDGLEY.

Under-Secy. to the Govt. of Bengal.

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate return of traffic on the Circular and Eastern Canals for the week ending Saturday, the 29th May 1920, as compared with the corresponding week of the previous year.

Nature of Cargo.	WEEK ENDING SATURDAY, THE 29TH MAY 1920.			WEEK ENDING SATURDAY, THE 21ST MAY 1919.		
	Number of boats.	Weight of cargo.	Tonnage.	Number of boats.	Weight of cargo.	Tonnage.
		Mds.	Rs.		Mds.	Rs.
Rice and paddy ...	172	36,411	531	316	72,475	1,056
Jute ...	65	41,279*	390	16	8,940†	82
Firewood ...	87	56,975	866	39	19,350	301
Other articles ...	726	207,194	2,506	503	149,481	1,499
Total ...	1,049	341,859	4,293	873	250,246	2,939
Empty boats and rafts ...	384	...	1,700	899	...	1,486
GRAND TOTAL ...	1,433	341,859	5,993	1,272	250,246	4,373

Mds.
* Weight by canal measurement ... 44,560
† Ditto ditto ... 8,467

CALCUTTA.

The 7th June 1920.

A. W. DAVIS.

for Under-Secy. to the Govt. of Bengal.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra at Goalundo for the week ending 28th May 1920.

Month and date.	Hour.	Height of surface above or below zero of gauge.	Height of surface above mean sea-level.	Height of surface above mean sea-level on same date last year.	Remarks.
1920.					
23rd May	7 A.M.	13.8	13.8	9.4	Zero is placed at mean sea-level. The bench mark for the gauge is on a pucca pillar between the passenger ghât and Chandpur ghât. Its reduced level is 26.84.
24th "	7 "	13.7	13.7	9.5	
25th "	7 "	13.4	13.4	9.5	
26th "	7 "	13.2	13.2	9.6	
27th "	7 "	12.9	12.9	9.7	
28th "	7 "	12.6	12.6	10.1	
29th "	7 "	12.1	12.1	10.6	

The previous year	...	Highest water-level	...	25.7 on 16th September 1919.
Ditto	...	Lowest	...	6.1 on 24th February 1919.
Record (H.M. in Brahmaputra and Ganges)	...	Highest	...	25.75 on 24th August 1906.
Record (average flood in Brahmaputra and Ganges)	...	Ditto	...	25.74 on 20th and 21st August 1906.
Record (H.F. in Brahmaputra and Ganges)	...	Ditto	...	25.68 on 11th to 17th and 31st August and on 1st to 3rd September 1889.
Record (H.F. in Brahmaputra only)	...	Ditto	...	25.76 on 31st July 1900.
Record	...	Lowest	...	1.0 on 8th February 1911.
Do.	...	Ditto	...	2.42 on 13th March 1908.
Do.	...	Ditto	...	2.01 on 21st to 24th February and 5th to 9th March 1884.
Do.	...	Ditto	...	3.16 on 9th to 11th March 1885.
Do.	...	Ditto	...	3.16 on 16th, 17th and 28th to 31st March 1901.

N.B.—The gauge-reading commenced from 3rd October 1903.

FARIDPUR,

R. K. GHOSE,

The 30th May 1920.

for Subdivisional Officer, P. W. D., Faridpur.

Statement of weekly gauge-readings on the river Ganges at Rampur Boalia for the week ending the 28th May 1920.

Date.	Hour.	Height of surface above or below zero—inst. zero for those below zero.	Height of surface above mean sea-level according to P. W. D. datum.	Height of surface above mean sea-level on the same date last year according to P. W. D. datum.	Remarks.
1920.					
23rd May	8 A.M.	Zero of gauge is at mean sea level.	36.45	35.76	P. W. D. datum 6.25 feet above Kidderpur old dock sill. E. M. on College step 64.95.
24th "	8 "		36.40	35.76	
25th "	8 "		36.50	35.76	
26th "	8 "		36.50	36.01	
27th "	8 "		36.50	36.11	
28th "	8 "		36.50	36.21	
29th "	8 "		36.50	36.41	

		Old value.	According to P. W. D. datum.
The previous year	Highest water level	61.29 on 18th September 1919	62.80
Ditto	Lowest	28.51 on 8th May 1919	35.01
Record	Highest	69.22 on 20th August 1879	64.44
Do.	Ditto	68.04 on 9th September 1885	64.27
Do.	Ditto	68.30 on 25th August 1906	63.47
Do.	Ditto	68.21 on 26th August 1890	63.40
Do.	Lowest	37.63 on 26th April 1884	37.82
Do.	Ditto	38.18 on 14th-15th April 1885	38.23
Do.	Ditto	38.02 on 21st-22nd April 1897	34.21
Do.	Ditto	39.23 on 6th-7th May 1903	34.47

N.B.—The gauge readings commenced from the 1st August 1867.

BOALIA:

J. N. ROY,

The 29th May 1920.

Executive Engineer, Rajshahi Division.

Statement showing the gauge-readings at Dacca Water-Works Station on the river Buriganga for the week ending the 29th May 1920.

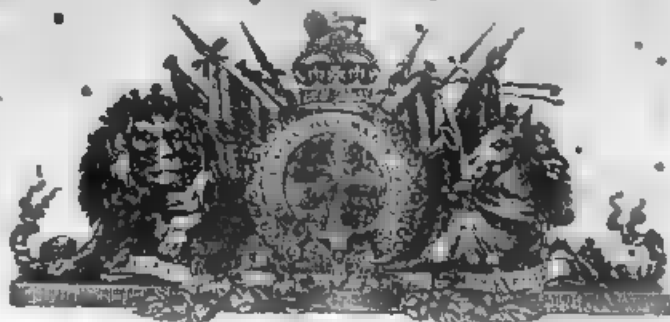
Date.	At 7 A.M.	AT HIGHEST WATER.		AT LOWEST WATER.		At 5 P.M.	Remarks.
		Time.	Readings.	Time.	Readings.		
1920.							
23rd May	57.0	14-30	57.7	8-40	56.75	57.0	F. T. at 8-30 and H. T. at 14-40.
24th "	56.95	15-18	57.4	9-38	56.5	56.8	F. T. at 10 and H. T. at 15-38.
25th "	56.9	16-15	57.05	10-45	56.3	56.7	F. T. at 11 and H. T. at 16-38.
26th "	56.8	17-40	57.0	11-50	56.2	56.7	F. T. at 12-4 and H. T. at 17.
27th "	56.7	8-40	56.8	13-0	56.8	56.4	H. T. at 8-35 and F. T. at 13-10.
28th "	56.7	7-50	57.0	14-20	56.7	56.0	H. T. at 8-10 and F. T. at 14-30.
29th "	56.5	8-55	56.9	15-40	56.2	55.4	H. T. at 9-10 and F. T. at 15-35.

Notable high and low water-levels of previous years.

27th August	1906	70.5	Taken at high tide.
30th September	1909	...	...	...	67.80
10th August	1910	...	...	...	69.85
1st "	1911	...	...	...	68.45
12th "	1912	...	...	...	67.10
31st "	1915	...	...	...	69.7
13th "	1916	...	...	...	68.1
12th "	1917	...	...	...	67.1
31st "	1918	69.12	Taken at low tide.
28th February	1907	...	...	...	51.06
18th "	1908	...	...	...	51.06
12th March	1912	...	...	...	51.04
6th "	1914	...	...	...	50.80
22nd February	1916	...	...	...	50.90
16th "	1916	...	...	...	50.80
3rd March	1917	...	...	...	51.0
21st February	1918	...	...	...	51.40

DACCA,
The 3rd June 1920.

A. T. L. H. HARRISON,
Executive Engineer, Dacca Divn.



The Calcutta Gazette

WEDNESDAY, JUNE 16, 1920.

SUPPLEMENT.

OFFICIAL PAPERS.

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CONTENTS.

	Page.		Page.
Monthly Weather and Crop Report for Bengal for May 1920	677-678	Statement of weekly gauge readings on the rivers in Bengal	681
Weather and Crop Report for the week ending on the 10th June 1920	679-682	Statement showing the daily gauge readings of certain rivers for three days ending 6th June and week ending 10th June 1920	683-694
List of prices of articles of food in Calcutta for the week ending Saturday, the 12th June 1920	683	Approximate Return of Traffic on the Circular and Eastern Canals for the week ending Saturday, the 6th June 1920	695

MONTHLY WEATHER AND CROP REPORT OF BENGAL FOR MAY 1920.

I. **Character of the season.**—During the month under review the rainfall throughout the Province was in considerable defect except in the district of Pabna only, where the fall was slightly in excess of the normal. The usual rainfall statement is appended.

II. **Progress of agricultural operations.**—Harvesting of summer rice was completed. Sowing of jute and other autumn crops was almost finished in East and North Bengal while in West Bengal the operation was retarded for want of sufficient rain. Weeding was proceeding in the Northern and Eastern districts. Preparatory tillage for winter paddy was in full swing; but more rain was needed for the operation, especially on high lands. Sowing of paddy seed-beds commenced during the latter part of the month.

III. **State of standing crops.**—The condition of sugarcane, jute, paddy and other standing crops was generally fair.

IV. **Prospects and probable output.**—Some low land jute has flowered prematurely in East Bengal and some low land paddy has not recovered from the heavy rain early in the season. On the whole, however, prospects are at present fairly favourable; though more rain is urgently needed in West Bengal. The summer rice harvest has been a satisfactory one.

V. **Damage to standing crops.**—In the middle of the month excessive rain caused some damage to standing crops in parts of Mymensingh, while in the latter part of the month hail damaged crops in parts of Rangpur. Jute and other standing crops on high lands suffered from want of moisture in some Western districts.

VI. **Condition of agricultural stock.**—No report about the existence of of cattle disease was received from the districts of the Burdwan Division, Dinajpur, Rangpur, Dacca, Faridpur, and Chittagong. Elsewhere it was reported to be more or less prevalent.

VII. **Failure of pasturage and fodder.**—The supply of fodder was reported to be sufficient throughout the Province.

VIII. **Prices of food-grains.**—During the second fortnight of the month under review, the price of common rice of the cheapest quality rose in sixteen districts, fell in one only and remained stationary in the rest of the Province. It varied from 4 seers 3 chittaks at Bakarganj to 6 seers 12 chittaks at Birbhum.

IX. **Condition of agricultural people.**—The condition of agricultural population was fairly satisfactory.

R. S. FINLOW,

Offg. Director of Agriculture, Bengal.

Dacca, the 12th June 1920.

Statement showing the normal and actual rainfall in each district during May 1920.

Divisions.	Districts.	Normal district rainfall for the month of May.	Actual district rainfall for the month of May 1920.	Variation from the normal.	Divisions.	Districts.	Normal district rainfall for the month of May.	Actual district rainfall for the month of May 1920.	Variation from the normal.
		Inches.	Inches.	Inches.			Inches.	Inches.	Inches.
Presidency	24 Parganas	5.59	3.94	-1.65	Rajshahi— <i>contd.</i>	Rangpur	11.11	7.08	-4.03
	Okhunda	5.77	2.61	-3.16		Bogra	8.35	4.83	-3.52
	Nadia	6.56	3.98	-2.58		Fabna	7.99	7.61	-0.38
	Murshidabad	5.43	2.79	-2.64		Malda	4.85	1.94	-2.91
	Jessore	7.50	3.53	-3.97	Dacca	Dacca	10.17	8.78	-1.39
Burdwan	Khulna	7.74	6.14	-1.60		Mymensingh	11.33	8.45	-2.88
	Burdwan	5.08	3.00	-2.08		Faridpur	10.31	8.46	-1.85
	Birbhum	6.43	2.60	-3.83		Bakarganj	9.33	5.90	-3.43
	Bankura	6.33	3.35	-2.98	Chittagong	Chittagong	10.34	6.81	-3.53
	Midnapore	6.27	2.37	-3.90		Tippoo	11.33	7.45	-3.88
Rajshahi	Hoojaly	5.57	4.42	-1.15		Nopkhali	11.02	7.13	-3.89
	Howrah	5.35	3.68	-1.67		Chittagong Hill	10.21	6.60	-3.61
	Rajshahi	8.06	6.90	-1.16		Trarna	14.35	9.73	-4.62
	Dinajpur	7.10	4.23	-2.87		Cooch Behar	14.35	9.73	-4.62
	Jaipur	14.37	6.81	-7.56					
	Darjeeling	9.19	7.36	-1.83					

* Represents figures for a type station.

DISTRICT REPORTS ON WEATHER AND CROPS.

For the week ending on the 10th June 1920.

Summary.—During the week rainfall was heavy in the Chittagong Division and light to moderate elsewhere. It has facilitated the preparatory tillage for winter rice crop and benefited the standing crops, especially in East Bengal. More rain is, however, needed in Western districts and in parts of North Bengal. Sowing of jute and autumn paddy is approaching completion. Weeding continues. Sowing of winter paddy for seedlings is also proceeding. The average price of common rice for the province has risen by about 2·28 per cent, as compared with that of the previous week.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN CENTS, PER MUSE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1		Inches.			
1	24-PARGANAS	0·58	4½	5	Sowing of <i>aus</i> paddy and jute crops continues. More rain is urgently wanted in the Diamond Harbour, Barasat and Basirhat subdivisions. Fodder and water are sufficient.
	Diamond Harbour.	0·93	5½	5½	
	Barrackpore	0·43	4½	(n)	
	Barasat ...	0·20	5	5½	
	Basirhat ...	Nil	4½	4½	
2	NADIA ...	2·44	5½	5½	Harrowing and laddering of <i>aus</i> paddy and jute have commenced. More rain is badly wanted. Cattle-disease is reported from thana Chuadanga.
	Kushtia ...	1·23	5	5	
	Meherpur ...	0·85	5	5½	
	Chuadanga...	1·27	5½	6	
	Ranaghat ...	1·09	5	5	
3	MURSHIDABAD	1·08	5½	5½	Condition of standing crops is fair. Prospects of <i>bhadoi</i> paddy and jute are not satisfactory in some places. Fodder is sufficient. There is no large import or export.
	Lalbagh ...	0·08	5	5½	
	Jangipur ...	0·53	6	6½	
	Kandi ...	1·22	5½	5½	
4	JESSORE ...	1·26	5	4½	Sowing of jute and <i>aus</i> paddy is nearly finished and that of <i>aman</i> paddy continues. More rain is wanted. Prospects of standing crops are not favourable, due to inadequate rainfall. Fodder is sufficient. Import or export as usual.
	Jhenidah ...	2·16	5½	5½	
	Magura ...	2·64	4½	4½	
	Narail ...	2·64	4½	4½	
	Bangaon ...	1·21	4½	5½	
5	KHULNA ...	0·26	4½	4½	Sowing of <i>aus</i> paddy and jute is in progress. More rain is wanted. Fodder is sufficient. Cattle-disease is reported from Tala and Debhatta police-stations.
	Satkhira ...	Nil	4½	4½	
	Bagerhat ...	1·18	4½ 6	4½	

(n) Not reported.

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN SEER, PER MUPK.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
6	BURDWAN ...	1.45	5½	5	Weather hot. More rain is urgently needed. Jute plants, sugarcane and paddy seedlings are suffering for want of sufficient moisture. Ploughing of lands is going on.
	Ansolsol ...	0.52	5½	6	
	Katwa ...	(n)	(n)	5½	
	Kalna ...	0.30	4½	5	
7	BIRBHUM ...	0.14	6	6	Ploughing is being retarded for want of rain. Fodder and water are sufficient.
	Rampurhat ...	1.62	5½	6	
8	BANKURA ...	0.22	5½	5½	Manuring of fields continues. No large export or import of rice or paddy.
	Vishnupur ...	Nil	5½	5½	
9	MIDNAPORE ...	0.36	5½	5½	Sowing of winter rice, broad-cast rabi til continues. Jute and autumn rice are doing well. Fodder is sufficient. Cattle-disease is reported from thana Salboni.
	Ghatal ...	1.07	5½	5½	
	Tamink ...	0.50	5½	5½	
	Contai ...	2.26	5½	5½	
10	HOOGHLY ...	0.55	4½	4½	Effects of weather on the growth of the crops are favourable; but more rain is urgently needed. Fodder is sufficient. Price of rice is rising at Sadar.
	Serampore ...	0.38	4½	4½	
	Arambagh ...	0.87	5½	5½	
11	HOWRAH ...	0.69	5	5½	Sowing of paddy continues. Weeding of jute has commenced. Fodder and water are sufficient.
	Ulubaria ...	0.86	4½	4½	
12	RAJSHAHI (RANPUR-BOALIA).	0.98	4½	4½	Prospects of standing crops are fair. Fodder is sufficient. Cattle-disease is reported from Bagatipara thana.
	Naogaon ...	0.15	4½	5½	
	Nator ...	0.35	4½	4½	
13	DINAJPUR ...	4.28	4½	4½	Sowing of winter paddy has commenced. Weeding of jute and bhadol paddy continues. Prospects of standing crops are fair. Fodder and water are sufficient.
	Thakurgaon ...	6.43	6	6	
	Balurghat ...	0.81	5½	5½	
14	JALPAIGURI	5.95	4½	5	Prospects of standing crops are fair. Fodder and water are sufficient. Export of rice and paddy is going on. Price of rice is rising. Foot and mouth disease is prevalent in the subdivisions and in some tea gardens.
	Alipur - ...	6.85	4½	5½	

(n) Not reported.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN SANN, PER MOWAL.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
1	2	3	4	5	6
		Inches.			
15	DARJEELING	1.78	4½	4½	Potatoes and maize are progressing. Fodder and water are sufficient. Cattle-disease is prevalent at places. Stock of rice is normal.
	Kurseong ...	0.52	5½	5	
	Siliguri ...	4.53	5	5	
	Kalimpong...	1.53	5	(n)	
16	RANGPUR ...	2.6	5	5	Weather cloudy. Weeding of jute and <i>aus</i> paddy is going on. The recent rainfall is beneficial to the standing crops. More rain is needed. Price of rice is rising in places. Prospects of standing crops are fair. Fodder and water are sufficient. Cattle-disease is reported from Kurigram subdivision.
	Nilphamari	4.94	5½	5½	
	Kurigram ...	5.74	4½	4½	
	Gaibandha ...	0.16	5	5	
17	BOGRA ...	1.80	4½	4½	Weeding of jute and <i>aus</i> paddy continues.
18	PABNA ...	4.73	4½	4½	Prospects of standing crops are good. Fodder is sufficient.
	Sirajganj ...	(n)	(n)	4½	
19	MALDA ...	0.42	5	5	Harvesting of <i>boro</i> paddy is finished. Standing <i>khairi</i> paddy and jute are suffering from drought. Fodder and water are sufficient. Cattle-disease is reported from Bhola Hat and Gomastapur.
20	COOCH BEHAR	10.15	5½	6½	Weather hot and cloudy. Weeding operations have been nearly finished. Preparation of lands for <i>haimanti</i> paddy has commenced. Fodder is sufficient.
21	DACCA ...	5.14	{ 4½ 4½ }	{ 4½ 4½ }	Weather cloudy and beneficial to agricultural operations. Sufficient rainfall followed the week. Weeding of jute and paddy is going on. The price of rice is almost steady, but there is a slight tendency of going down. Prospects of standing crops are fair. Fodder and water are sufficient.
	Madikganj ...	3.73	4½	4½	
	Narayanganj	4.02	4½	4½	
	Munshiganj (a)	3.85	5	4	
22	MYMENSINGH.	2.51	4½	4½	Weather seasonable with occasional showers. Weeding of jute and <i>aus</i> paddy is going on. Preparation of soil for winter rice has commenced. Prospects of standing crops are fair. Cattle-disease is reported from Tangail and Kishorganj subdivisions. Fodder and water are sufficient.
	Jamalpur ...	2.85	4½	4½	
	Tangail ...	2.44	4½	4½	
	Netrakona ...	(n)	(n)	(n)	
	Kishorganj...	5.73	4½	4½	

(n) Not reported.

* Burma rice.

(a) Munshiganj being very near to Dacca and Narayanganj, its rainfall statistics are not quoted. To give information regarding the northern part of the district, rainfall figures for Kapasia thana are reported here.

Serial No.	District and subdivision.	Rainfall.	PRICE OF COMMON RICE, IN SEERS, PER RUPEE.		Character of the weather, condition of crops, etc.
			This week.	Previous week.	
		Inches.			
23	FARIDPUR ...	3.13	{ 4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	The rain has been beneficial to standing crops. More rain is wanted. Prospects of standing crops are fair. Fodder is sufficient.
	Goalundo ..	2.89	5	5	
	Madaripur ...	3.82	4 $\frac{1}{2}$	3 $\frac{1}{2}$	
	Gopalganj (a)	3.48	{ 4 $\frac{1}{2}$ 4 $\frac{1}{2}$ }	4 $\frac{1}{2}$ 4 $\frac{1}{2}$ }	
24	BAKARGANJ (BARISAL).	3.19	4	{ 4 5 }	Prospects of standing crops are good. Fodder and water are sufficient.
	Pirojpur ...	2.15	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
	Patuakhali ...	1.27	4	4	
	Dakshin Shabazpur (Bhola).	2.56	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
25	CHITTAGONG	8.31	{ 4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	Cultivation of <i>aman</i> paddy is in progress. Prospects of standing crops are fair. Fodder is sufficient. <i>Panga</i> salt is selling at 12 and 8 seers per rupee at Sadar and Cox's Bazar respectively.
	Cox's Bazar	1.03	5 $\frac{1}{2}$	5 $\frac{1}{2}$	
26	TIPPERA (OOMILLA).	12.92	{ 4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	Weeding operations are nearly finished. Some damage has been done to standing crops in Sadar by hail. The recent rainfall is beneficial to the paddy and jute crops.
	Brabmanbaria.	4.64	{ 4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	
	Chaudpur ...	7.39	{ 4 $\frac{1}{2}$ 5 $\frac{1}{2}$ }	5 $\frac{1}{2}$ 4 $\frac{1}{2}$ }	
27	NOAKHALI	2.18	4 $\frac{1}{2}$	4 $\frac{1}{2}$	Weather cloudy. Prospects of standing crops are fair. Cattle-disease is reported from thanas Ohhagalnaya, Senbag, Feni, Pashuram and Companyganj.
	Feni	7.77	4 $\frac{1}{2}$	4 $\frac{1}{2}$	
28	CHITTAGONG HILL TRACTS.	3.74	5 $\frac{1}{2}$	5	Weather cloudy. Sowing of <i>jhum</i> continues. Fodder is sufficient.

(a) The rainfall at Haridaspur, which is very near to Gopalganj, is shown here.
 * Berma rice. † Local rice.

J. C. ROY,

for Director of Agriculture, Bengal.

Dacca, the 13th June 1920.

*List of prices of articles of food at Calcutta during the week ending
Saturday, the 12th June 1920.*

Names of articles.	WHOLESALE PRICE PER MAUND.		RETAIL PRICE PER SEER.	
	From—	To—	From—	To—
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rice—				
Balam, coarse	8 0 0	8 8 0	0 3 6	0 3 9
" medium	8 12 0	9 8 0	0 4 0	...
Parnai, coarse	8 12 0	9 1 0	0 3 6	0 3 9
" medium	9 2 0	9 10 0	0 4 0	0 4 3
Nagra, coarse	8 8 0	8 14 0	0 3 6	0 3 9
" medium	9 0 0	9 4 0	0 4 0	0 4 3
Dudhkalma	...	...	0 3 9	...
Rangoon Boiled	...	...	0 3 6	...
Kajla	7 8 0	7 10 0	0 3 3	...
Wheat, Dudhia	6 12 0	...	...	...
" Gangajali	...	...	...	...
" Jamali	6 2 0	...	...	...
Gram, Putni (whole)	6 4 0	6 10 0	0 2 9	0 3 0
" dal	8 0 0	8 8 0	0 3 0	0 4 0
Mung " (Hari)	6 8 0	7 0 0	0 4 0	0 8 0
" " (Krishna)	7 12 0	8 0 0	0 4 0	0 8 0
Arhar	9 0 0	10 0 0	0 4 0	0 5 0
Masur " (Split)	6 8 0	7 0 0	0 3 0	0 8 6
" " (Kharri)	9 8 0	10 0 0	0 4 0	...
Kalai	8 0 0	8 8 0	0 3 0	0 3 6
Salt	2 15 6	3 6 0	0 1 9	...
Sagar (Brown Java)	35 0 0	37 0 0	0 13 0	1 0 0
Gur, Bheli	...	...	0 5 0	...
" Bhursat	12 0 0	...	0 6 0	...
" Date	...	...	...	...
Milk	8 0 0	11 0 0	0 4 0	0 5 0
Mustard Oil	24 0 0	27 8 0	0 11 0	0 13 0
Flour (Country)	8 12 0	9 8 0	0 4 0	...
Atta, No. 3	5 12 0	...	...	...
" " 2	6 4 0	...	0 3 0	0 4 0
" " B	9 8 0	...	...	...
Suji	9 0 0	9 8 0	0 4 6	0 5 0
Ghee (Bhadwa, Matki, etc.)	100 0 0	102 0 0	2 12 0	...
" (Patnam, Khurja, Ruto, Etwa, better kind, etc.)	96 0 0	98 0 0	2 10 0	...
" (Lalli, Etwa, Sagar, etc.)	93 0 0	95 0 0	2 8 0	...
Malze	4 4 0	5 0 0	...	...
Potatoes	5 8 0	6 8 0	0 2 6	0 3 6
Patni	3 0 0	6 8 0	0 2 6	0 3 0
Brinjal	Not in the market.		0 2 6	0 3 0
Onion	2 4 0	2 8 0	0 1 6	...
Fish (Rahu)	30 0 0	35 0 0	0 14 0	1 0 0
Mutton (2nd class)	...	...	0 10 0	...
Beef (2nd and 3rd classes)	...	...	0 3 0	0 5 0

N.B.—This is an abstract of prices at the following markets:—

Wholesale.—Chetla Hat, Bankrishnapur Hat, Sealdah Fish and Milk Markets, Posta Bazar.

Retail.—Sir Stuart Hogg Market, Orphanage Market, Bova Bazar, Nulun Bazar, Raja Babu's Bazar, Kareya Bazar, Taltolla Bazar, Mullick Bazar, Jagu Babu Bazar.

S. N. GHOSH,

for Commissioner, Presidency Division.

CALCUTTA, the 12th June 1920.

Statement of weekly gauge-readings on the rivers Ganges and Brahmaputra at Ghafundo for the week ending 5th June 1920.

Month and date.	Hour.	Height of surface above or below zero of gauge.	Height of surface above mean sea-level.	Height of surface above mean sea-level on same date last year.	Remarks.
1920.					
30th May	7 A.M.	11.8	11.8	11.2	Zero is placed at mean sea-level. The bench mark for the gauge is on a pucca pillar between the passenger ghât and Chandpur ghât. Its reduced level is 26.84.
31st "	7 "	11.6	11.6	11.5	
1st June	7 "	11.4	11.4	11.7	
2nd "	7 "	11.5	11.5	11.9	
3rd "	7 "	11.6	11.6	12.3	
4th "	7 "	11.7	11.7	12.8	
5th "	7 "	11.8	11.8	13.8	
The previous year		Highest water-level	...	28.7 on 15th September 1919	
Ditto		Lowest "	...	6.1 on 24th February 1919.	
Record (H.F. in Brahmaputra and Ganges)		Highest "	...	25.75 on 28th August 1906.	
Record (average flood in Brahmaputra and Ganges)		Ditto "	...	25.74 on 30th and 31st August 1893.	
Record (H.F. in Brahmaputra and Ganges)		Ditto "	...	25.64 on 15th to 17th and 31st August 1889 and on 1st to 3rd September 1888.	
Record (H.F. in Brahmaputra only)		Ditto "	...	25.65 on 31st July 1900.	
Do.		Lowest "	...	1.0 on 8th February 1914.	
Do.		Ditto "	...	7.42 on 18th March 1908.	
Do.		Ditto "	...	2.81 on 21st to 24th February 1884 and 25th to 28th March 1884.	
Do.		Ditto "	...	8.16 on 8th to 11th March 1885.	
Do.		Ditto "	...	8.18 on 12th to 17th and 28th to 31st March 1901.	

N.B.—The gauge readings commenced from 3rd October 1900.

FARIDPUR.

RAJ KUMAR GHOSE,

The 6th June 1920.

for Subdivisional Officer, P. W. D., Faridpur.

Statement of weekly gauge-readings on the river Ganges at Rampur-Boalia for the week ending the 5th June 1920.

Date.	Hour.	Height of surface above or below zero—minus sign for those below zero.	Height of surface above mean sea-level according to P. W. D. datum.	Height of surface above mean sea-level on the same date last year according to P. W. D. datum.	Remarks.
1920.					
30th May	8 A.M.	Zero of gauge is at mean sea level.	36.45	36.51	P. W. D. datum 5.25 feet above Kidderpur old dock sill. B. M. on College step 64.93.
31st "	8 "		36.35	36.51	
1st June	8 "		36.25	36.58	
2nd "	8 "		36.20	36.81	
3rd "	8 "		36.20	37.01	
4th "	8 "		36.15	37.05	
5th "	8 "		36.10	37.10	
Old values.					
The previous year		Highest water level	61.29 on 18th September 1919		62.80
Ditto		Lowest "	53.51 on 8th May 1919		55.01
Record		Highest "	69.21 on 26th August 1879		64.44
Do.		Ditto "	69.08 on 9th September 1885		64.27
Do.		Ditto "	68.30 on 26th August 1908		63.47
Do.		Ditto "	58.21 on 26th August 1890		63.40
Do.		Lowest "	57.63 on 25th April 1884		58.82
Do.		Ditto "	58.13 on 14th-16th April 1883		58.32
Do.		Ditto "	59.02 on 21st-22nd April 1887		64.21
Do.		Ditto "	59.35 on 6th-7th May 1908		64.47

N.B.—The gauge readings commenced from the 1st August 1887.

BOALIA :

S. C. BHATTACHARJ,

The 5th June 1920.

for Executive Engineer, Raishahi Division.

Statement showing the daily gauge readings of certain rivers at the stations named below for the three days ending Thursday, the 3rd June 1920.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. Datum.	Height above P. W. Datum.	COMPARISON WITH PREVIOUS DATE.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE AS--	REMARKS.
						Mm.	Fth.	1919.	
Ganges	Monghyr	1st June 1920	6 A.M.	1-12'	100-12'	99-30'	Steady	99-30'	105-00'
	Rajmahal	1st "	6 "	3-15'	56-313'	59-455'	0-05'	59-619'	62-45'
	Goalundo	1st "	8 hours	11-40'	4-826'	16-296'	0-10'	11-70' (Reading on gauge.)	14-10'
Brahmaputra	Gaubati	1st "	8 A.M.	10-30'	135-18'	145-48'	0-80'	163-96'	161-66'
	Sergunij	1st "	12 hours	29-00'	"	"	"	27-42' (Reading on gauge.)	"
	Dibrugarh	1st "	8 A.M.	14-20'	314-18'	328-38'	0-20'	14-50' (Reading on gauge.)	"
Meghna	Bhairab Bazar	1st "	6 hours	8-02'	1-61'	10-53'	"	9-03' (Reading on gauge.)	"
	Chandpur	1st "	6-30 "	6-25'	1-61'	7-86'	0-25'	8-36'	"
	Fench	1st "	7 A.M.	19-80'	"	"	"	14-20' (Reading on gauge.)	"
Dhaleswari	Sabher	1st "	7 "	16-40'	-8-62'	7-78'	0-10'	7-48'	"
	Swarupgunj	1st "	6 "	3-28'	1-509'	4-789'	Steady	6-263'	4-42'
	Edilpur	1st "	6 "	1-58'	92-38'	94-16'	"	94-37'	"
Lakhya	Naryangunj	1st "	6-30 "	15-42'	-5-59'	9-83'	"	9-20'	"
	Madaripur Bill Route	1st "	6 "	5-60'	-0-599'	5-001'	"	4-601'	"

Statement showing the daily gauge readings of certain rivers at the stations named below for the three days ending Thursday, the 3rd June 1920.

Name of river and place where readings are taken.	Date.	Hour.	Reading on Gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S EIGHTH.		HEIGHT ABOVE P. W. D. DATE OF SAME DATE IS—		REMARKS.
						Rise.	Fall.	1919.	1918.	
Ganges	Moughyr	2nd June 1920	6 A.M.	100.42	99.40	0.10	...	99.80	105.10	
	Rajpatal	2nd "	6 "	56.319	59.419	...	0.05	59.769	62.96	
	Goalna	2nd "	8 hours	4.896	16.396	0.10	...	11.90 (Reading on gauge)	14.10	
	Gauhati	2nd "	8 A.M.	135.18	146.08	0.60	...	165.45 (Reading on gauge)	163.06	
Brahmaputra	Serajgunj	2nd "	12 hours	...	...	...	...	27.80 (Reading on gauge)	...	
	Dibrugarh	2nd "	8 A.M.	314.18	328.38	Steady.	...	14.00 (Reading on gauge)	...	
Meghna	Bhairab Bazar	2nd "	6 hours	1.61	10.61	0.06	...	8.69 (Reading on gauge)	...	
	Chandpur	2nd "	7 "	1.61	8.36	0.50	...	8.61	...	
	Fenchuganj	2nd "	7 A.M.	...	...	...	0.60	13.60 (Reading on gauge)	...	
	Sabbar	2nd "	7 "	-8.62	7.78	Steady.	...	7.68	...	
Dhaleswari	Swarupgunj	2nd "	6 "	1.509	4.949	0.16	...	5.999	4.44	
Bhagirathi	Edilpur	2nd "	6 "	92.58	94.00	...	0.16	94.37	...	
Damodar	Narayangunj	2nd "	6.30 A.M.	-5.59	9.83	Steady.	...	9.28	...	
Lekhya	Takerhat	2nd "	6 "	-0.599	4.901	...	0.10	4.701	...	

Statement showing the daily gauge readings of certain rivers at the stations named below for the three days ending Thursday, the 3rd June 1920.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero assigned to P. W. D. datum.	Height above P. W. D. datum.	COMPARISON WITH PREVIOUS DAY'S SURT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DAYS IN—		Remarks.
						Rise.	Fall.	1919.	1918.	
Ganges	Monghyr ... 3rd June 1920	6 A.M.	0.92' (below zero.)	100.12'	99.50'	0.10'	...	98.80'	106.57'	
	Rajmahal ... 3rd "	6 "	3.05'	55.319'	59.269'	0.05'	...	59.819'	63.36'	
	Goalundo ... 3rd "	8 hours	11.60'	4.896'	16.496'	0.10'	...	12.30' (Reading on gauge.)	14.10'	
Brahmaputra	Gauhati ... 3rd "	8 A.M.	11.50'	135.18'	146.68'	0.60'	...	161.76' (Reading on gauge.)	165.96'	
	Semajganj ... 3rd "	12 hours	29.10'	...	...	0.10'	...	28.75' (Reading on gauge.)	...	
	Dibrugarh ... 3rd "	8 A.M.	14.40'	314.18'	328.58'	0.20'	...	13.30' (Reading on gauge.)	...	
Meghna	Bhairab Bazar ... 3rd "	6 hours	9.17'	1.61'	10.78'	0.17'	...	9.28'	...	
	Chandpur ... 3rd "	7.30 "	6.75'	1.61'	8.36'	Steady	...	8.61'	...	
	Fenchuganj ... 3rd "	7 A.M.	19.00'	...	...	...	0.20'	13.30' (Reading on gauge.)	...	
Dhaleswari	Sabbar ... 3rd "	7 "	16.50'	-4.62'	7.88'	0.10'	...	8.08'	...	
Bhagirathi	Swarupganj ... 3rd "	6 "	3.37'	1.509'	4.879'	...	0.67'	5.719'	4.31'	
Damodar	Edilpur ... 3rd "	6 "	1.25'	92.58'	93.83'	0.17'	...	94.37'	...	
Lakhya	Naryanganj ... 3rd "	6.30 "	15.12'	-5.59'	9.83'	Steady	...	13.37'	...	
Madaripur Bil Route Takerhat	... 3rd "	6 "	5.70's	-6.590'	5.101'	0.20'	...	5.101'	...	

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 10th June 1920.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above datum.	Comparison with previous day's height.		Height above P. W. D. datum of same date in—		Remarks.
						Rise.	Fall.	1919.	1918.	
Ganges	Monghyr	4th June 1920...	6 A.M. ...	0.92' (below zero)	100.42'	99.50'	Steady	100.00'	107.00'	
	Rajshahi	4th "	6 "	3.60'	56.319'	59.319'	0.05'	59.869'	64.16'	
	Goalundo	4th "	8 hours ...	11.70'	4.896'	16.596'	0.10'	12.80' (Reading on gauge)	14.70'	
Brahmaputra	Gaubati	4th "	8 A.M. ...	11.70'	135.18'	146.88'	0.20'	104.46'	167.66'	
	Seraigonj	4th "	12 hours ...	28.90'	...	...	0.20'	30.07' (Reading on gauge)	...	
	Dibrugarh	4th "	8 A.M. ...	14.80'	314.18'	328.98'	0.40'	13.00' (Reading on gauge)	...	
Meghna	Bhairab Bazar	4th "	6 hours ...	9.25'	1.61'	10.86'	0.08'	9.32' (Reading on gauge)	...	
	Chandpur	4th "	8 "	6.75'	1.61'	8.36'	Steady	8.61'	...	
	Kemchuganj	4th "	7 A.M. ...	18.30'	...	...	0.70'	12.50' (Reading on gauge)	...	
Dhaleswari	Sabhar	4th "	7 "	16.70'	-8.62'	8.08'	0.20'	8.48'	...	
	Swarupganj	4th "	6 "	3.26'	1.509'	4.769'	0.10'	5.469'	4.46'	
	Edilpur	4th "	"	1.17'	92.58'	93.75'	0.08'	94.33'	...	
Lakhye	Narayanganj	4th "	6.30 A.M.	15.46'	-5.59'	9.87'	0.04'	9.49'	...	
	Madaripur Bill Route	4th "	6 "	5.60'	-0.599'	5.001'	0.10'	5.101'	...	
	Takherhat	4th "	"	"	"	"	"	"	"	

Statement showing the daily stage readings of certain rivers at the stations named below for week ending Thursday, the 10th June 1920.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARISON WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE 1919.	REMARKS.
						Rise.	Fall.		
Ganges	5th June 1920...	6 A.M.	0.92' (below zero.)	100.42'	99.50'	Steady.		100.40'	107.45'
	5th "	6 "	3.00'	56.319'	59.319'	Steady		59.919'	65.06'
	5th "	8 hours	11.80'	4.896'	16.696'	0.10'	...	13.80' (Reading on gauge.)	15.30'
Brahmaputra	5th "	8 A.M.	11.80'	135.18'	146.98'	0.10'	...	162.86' (Reading on gauge.)	168.76'
	5th "	12 hours	28.60'	...	...	0.30'	...	30.92' (Reading on gauge.)	...
	5th "	8 A.M.	15.00'	314.18'	329.18'	0.20'	...	12.80' (Reading on gauge.)	...
Meghna	5th "	6 hours	9.33'	1.61'	10.94'	0.08'	...	9.78' (Reading on gauge.)	...
	5th "	8.30 "	6.83'	1.61'	8.44'	0.08'	...	8.61'	...
	5th "	7 A.M.	17.75'	...	...	...	0.55'	12.31' (Reading on gauge.)	...
Dhaleswari	5th "	7 "	16.80'	-8.62'	8.18'	0.10'	...	9.38' (Reading on gauge.)	...
	5th "	6 "	3.31'	1.509'	4.819'	0.08'	...	5.359'	5.35'
	5th "	6 "	1.08'	92.58'	93.66'	...	0.09'	94.33'	...
Lakhya	5th "	6.30 "	15.37'	-5.59'	9.78'	...	0.09'	9.70'	...
	5th "	6 "	5.70'	-0.599'	5.101'	0.10'	...	5.401'	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 10th June 1920.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN—		REMARKS.
						Mm.	Feet.	1919.	1920.	
Ganges	Monghyr ...	6th June 1920...	0.82'	100.42'	99.60'	0.10'	...	100.00'	108.50'	
	Rajmahal ...	6th "	3.00' (below zero)	56.319'	59.319'	Steady	...	59.969'	66.06'	
	Goalundo ...	6th "	12.00'	4.896'	16.896'	0.20'	...	14.30' (Reading on gauge.)	16.20'	
Brahmaputra	Ganabati ...	6th "	12.50'	135.18'	147.68'	0.70'	...	162.06' (Reading on gauge.)	171.36'	
	Serajung ...	6th "	29.50'	...	...	0.90'	...	31.00' (Reading on gauge.)	...	
	Dibrugarh ...	6th "	16.40'	314.18'	330.58'	1.40'	...	12.50' (Reading on gauge.)	...	
Meghna	Rhodrah Bazar ...	6th "	9.33'	1.61'	10.94'	Steady	...	9.86' (Reading on gauge.)	...	
	Chandpur ...	6th "	6.67'	1.61'	8.28'	...	0.16'	8.61'	...	
	Fenchuganj ...	6th "	17.70'	...	...	...	0.05'	11.70' (Reading on gauge.)	...	
Dhaleswari	Sabher ...	6th "	17.00'	-8.62'	8.38'	0.20'	...	9.88' (Reading on gauge.)	...	
Lhagirathi	Swarupganj ...	6th "	3.55'	1.509'	5.059'	0.24'	...	5.539'	6.30'	
Damodar	Edilpur ...	6th "	1.00'	92.58'	93.58'	...	0.08'	94.25'	...	
Lakhya	Narayanganj ...	6th "	14.67'	-5.59'	9.08'	...	0.70'	9.66'	...	
Madaripur Bill Route	Tukorhat ...	6th "	5.80'	-0.599'	5.201'	0.10'	...	6.201'	...	

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 10th June 1920.

Name of river and place a born reading is taken.	Date.	Hour.	Reading on gauge.	Value of zero referred to P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAYS HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IS—		REMARKS.
						Rise.	Fall.	1919.	1918.	
Ganges	Mourghyr ...	7th June 1920 ...	6 A.M. ...	100.42'	99.60'	Steady.		100.10'	109.00'	
	Rajmahal ...	7th " "	6 " "	56.319'	59.269'	...	0.05'	59.969'	67.11'	
	Goalundo ...	7th " "	8 hours ...	4.896'	16.996'	0.10'	...	14.40' (Reading on gauge.)	17.30'	
Brahmaputra	Gauhati ...	7th " "	8 A.M. ...	135.15'	148.88'	1.20'	...	161.30' (Reading on gauge.)	173.86'	
	Seraiganj ...	7th " "	12 hours ...	...	...	0.80'	...	30.64' (Reading on gauge.)	...	
	Dibrugach ...	7th " "	8 A.M. ...	314.18'	329.58'	...	1.00'	12.60' (Reading on gauge.)	...	
Meghna	Bhairab Bazar ...	7th " "	6 hours ...	1.61'	10.69'	...	0.25'	9.94' (Reading on gauge.)	...	
	Obandi ...	7th " "	9.30 " "	1.61'	8.11'	...	0.11'	8.86'	...	
	Feni ...	7th " "	7 A.M. ...	...	...	0.30'	...	11.50' (Reading on gauge.)	...	
Dhaleswari	Sabhar ...	7th " "	7 " "	—8.62'	8.38'	Steady.		9.98'	...	
	Swarupganj ...	7th " "	6 " "	1.509'	4.779'	...	0.28'	5.749'	6.62'	
	Elitpur ...	7th " "	6 " "	92.28'	93.50'	...	0.06'	94.41'	...	
Lakhya	Narayaniganj ...	7th " "	6.30 " "	—5.59'	8.99'	...	0.09'	9.37'	...	
	Takorbat ...	7th " "	6 " "	—0.599'	5.151'	...	0.05'	6.501'	...	

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday the 10th June 1920.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value of zero above P. W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM ON SAME DATE IN—		REMARKS.
						Rise.	Fall.	1919.	1918.	
Ganges	8th June 1920...	6 A.M. ...	0.72 (below zero)	100.42'	99.70'	0.10'	...	100.10'	108.90'	
	8th "	6 "	2.95'	56.319'	59.269'	Steady	...	60.069'	68.06'	
	8th "	8 hours ...	...	4.86'	...	...	...	14.20' (Reading on gauge.)	18.60'	
Brahmaputra	8th "	8 A.M. ...	14.90'	135.18'	150.08'	1.20'	...	160.45' (Reading on gauge.)	175.26'	
	8th "	12 hours ...	32.00'	...	...	1.70'	...	30.00' (Reading on gauge.)	...	
	8th "	8 A.M. ...	14.70'	314.18'	328.88'	...	0.70'	13.10' (Reading on gauge.)	...	
Meghna	8th "	6 hours ...	9.08'	1.61'	10.61'	...	0.08'	9.69' (Reading on gauge.)	...	
	8th "	10-30 "	6.25'	1.61'	7.86'	...	0.25'	8.86'	...	
	th "	7 A.M. ...	18.40'	...	...	0.40'	...	11.20' (Reading on gauge.)	...	
Dhaleswari	8th "	7 "	17.20'	—8.62'	8.58'	0.20'	...	9.78'	...	
	8th "	6 "	3.25'	1.509'	4.759'	...	0.02'	5.729'	5.80'	
	8th "	6 "	0.83'	92.58'	93.41'	...	0.09'	94.31'	...	
Lakhya	8th "	6-30 "	14.12'	—5.59'	8.53'	...	0.46'	9.41'	...	
	8th "	6 "	5.70'	—0.599'	5.101'	...	0.05'	6.401'	...	

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday the 10th June 1920.

Name of river and place where readings are taken.	Date.	Hour.	Reading on gauge.	Value zero referred to W. D. datum.	Height above P. W. D. datum.	COMPARED WITH PREVIOUS DAY'S HEIGHT.		HEIGHT ABOVE P. W. D. DATUM OF SAME DAYS IN—	REMARKS.
						Rise.	Fall.	1919.	
Ganges ...	9th June 1920 ...	6 A.M. ...	0.72' (below zero)	100.42'	99.70'	Steady		100.10'	108.70'
	9th " ...	6 " ...	3.05'	56.319'	59.369'	0.10'	...	60.069'	63.16'
	9th " ...	8 hours ...	...	4.896'	...	...	...	13.80' (Reading on gauge.)	19.16'
Brahmaputra ...	9th " ...	8 A.M. ...	15.30'	133.18'	120.98'	0.90'	...	160.26'	175.44'
	9th " ...	12 hours ...	32.10'	...	...	0.10'	...	29.64' (Reading on gauge.)	...
	9th " ...	8 A.M. ...	14.80'	314.18'	328.98'	0.10'	...	13.20' (Reading on gauge.)	...
Meghna ...	9th " ...	6 hours ...	8.92'	1.61'	10.53'	...	0.08'	9.44'	...
	9th " ...	11 " ...	6.00'	1.61'	7.61'	...	0.25'	9.11'	...
	9th " ...	7 A.M. ...	18.70'	...	...	0.30'	...	11.20' (Reading on gauge.)	...
Dhaleswari ...	9th " ...	7 " ...	17.20'	-8.62'	8.58'	Steady		9.58'	...
	9th " ...	6 " ...	3.18'	1.509'	4.689'	...	0.07'	5.919'	5.37'
	9th " ...	6 " ...	0.83'	98.58'	93.41'	Steady		35.38'	...
Lakhya ...	9th " ...	6-30 " ...	13.75'	-5.53'	8.16'	...	0.37'	9.58'	...
	9th " ...	6 " ...	5.70'	-0.599'	5.101'	Steady		6.201'	...

Statement showing the daily gauge readings of certain rivers at the stations named below for week ending Thursday, the 10th June 1920.

Name of river and place where readings are taken.	Date.	Hours.	Reading on gauge.	Value of zero referred to P. W. D. Station.	Height above P. W. D. Station.	COMPARISON WITH PREVIOUS DATA HEIGHT.		HEIGHT ABOVE P. W. D. STATION ON SAME DATE 1919.	REMARKS.
						Dir.	Fall.		
Ganges	Monghyr ...	10th June 1920	0.62'	100.42'	99.80	0.10'	...	100.20'	108.90"
	Rajmahal ...	10th "	3.35'	56.319'	59.669	0.30'	...	60.219'	68.16'
	Goah ...	10th "	...	4.896'	...	...	...	13.50' (Reading on gauge.)	20.50'
Brahmaputra	Gauhati ...	10th "	15.60'	135.18'	150.78'	...	0.20'	160.16'	173.16'
	Serajganj ...	10th "	32.10'	...	...	Steady	...	29.34' (Reading on gauge.)	...
	Dibrugarh ...	10th "	14.90'	314.18	329.08'	0.10'	...	13.70' (Reading on gauge.)	...
Meghna	Bhairab Bazar ...	10th "	8.75'	1.61'	10.36'	...	0.17'	9.36'	...
	Chandpur ...	10th "	6.00'	1.61'	7.61'	Steady	...	10.11'	...
	Fenchuganj ...	10th "	18.80'	...	...	0.10'	...	12.35' (Reading on gauge.)	...
Dhaleswar	Sabhar ...	10th "	17.20'	-8.62'	8.58'	Steady	...	9.28'	...
Bhagirathi	Swarupganj ...	10th "	3.12'	1.509'	1.629'	...	0.40'	5.959'	5.96'
Damodar	Edilpur ...	10th "	0.75'	92.58'	93.33'	...	0.48'	103.25'	...
Lakhya	Narayanganj ...	10th "	...	-5.59'	...	...	...	10.41'	...
Medanipur Bil Ronto	Takrhat ...	10th "	1.70'	-0.599'	3.101'	Steady	...	6.201'	...

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate return of traffic on the Circular and Eastern Canals for the week ending Saturday, the 5th June 1920, as compared with the corresponding week of the previous year.

Nature of Cargo.	WEEK ENDING SATURDAY, THE 5TH JUNE 1920.			WEEK ENDING SATURDAY, THE 7TH JUNE 1919.		
	Number of boats.	Weight of cargo.	Tonnage.	Number of boats.	Weight of cargo.	Tonnage.
		Mds.	Hrs.		Mds.	Hrs.
Rice and paddy ...	345	40,498	547	419	104,225	1,565
Jute ...	50	15,661	151	5	1,100	22
Firewood ...	77	43,825	849	44	30,725	921
Other articles ...	685	230,081	2,645	656	207,430	2,455
Total ...	1,087	330,065	3,987	1,123	333,480	4,353
Empty boats and rafts ...	975	...	1,729	339	...	1,632
GRAND TOTAL	1,412	330,065	5,715	1,462	333,480	5,985

* Weight by canal measurement ... 16,330
Ditto ...

CALCUTTA,
The 14th June 1920.

A. W. DAVIS,
for Under-Secy. to the Govt. of Bengal.

Statement showing the gauge-readings at Dacca Water-Works Station on the river Buriganga for the week ending the 31st June 1920.

Date.	At 7 A.M.	AT HIGHEST WATER.		AT LOWEST WATER.		At 5 P.M.	Remarks.
		Time.	Readings.	Time.	Readings.		
1920.							
30th May	56.55	9.35	57.1	18.30	55.3	55.5	R. T. at 9.40 and P. T. at 18.45.
31st "	56.7	10.0	57.2	17.15	55.85	55.5	R. T. at 10.15 and P. T. at 17.30.
1st June	56.7	10.30	57.0	18.0	55.45	55.7	R. T. at 10.45 and P. T. at 18.15.
2nd "	56.6	11.5	57.1	18.35	55.5	55.75	R. T. at 11.30 and P. T. at 18.45.
3rd "	56.55	11.50	57.15	"	"	55.85	R. T. at 12.5.
4th "	56.5	12.30	57.2	"	"	55.9	P. T. at 12.45.
5th "	56.4	13.10	57.5	6.40	56.05	56.2	P. T. at 4.30 and R. T. at 13.30.

Notable high and low water-levels of previous years.

27th August	1908	"	"	"	70.6	Taken at high tide.
5th September	1909	"	"	"	67.85	
10th August	1910	"	"	"	69.85	
1st "	1911	"	"	"	68.45	
13th "	1912	"	"	"	67.15	
31st "	1913	"	"	"	69.7	
18th "	1914	"	"	"	68.1	
13th "	1917	"	"	"	67.1	
31st "	1918	"	"	"	69.13	
23rd February	1907	"	"	"	51.05	Taken at low tide.
13th "	1908	"	"	"	51.05	
12th March	1913	"	"	"	51.05	
6th "	1914	"	"	"	50.60	
22nd February	1915	"	"	"	50.80	
15th "	1916	"	"	"	50.80	
3rd March	1917	"	"	"	51.0	
21st February	1918	"	"	"	51.40	

DACCA,
The 12th June 1920.

A. F. L. H. HARRISON,
Executive Engineer, Dacca Divn.

Statement showing the gauge-readings at Dacca Water-works Station on the river Buriganga for the week ending 12th June 1920.

Date.	At 7 A.M.	AT HIGHEST WATER.		AT LOWEST WATER.		At 5 P.M.	Remarks.
		Time.	Readings.	Time.	Readings.		
1920.							
6th June	56.2	13.35	57.7	7.30	56.0	56.35	P. T. at 7.45 and R. T. at 14.10.
7th "	56.35	14.32	57.75	8.20	56.0	56.6	P. T. at 8.35 and R. T. at 14.45.
8th "	56.4	15.28	57.2	9.10	56.0	56.8	P. T. at 9.30 and R. T. at 15.35.
9th "	56.4	16.10	57.5	10.10	55.9	57.0	P. T. at 10.35 and R. T. at 16.35.
10th "	56.5	17.0	57.4	11.22	55.75	57.4	P. T. at 11.35 and R. T. at 17.15.
11th "	56.55	17.45	57.2	12.35	55.85	57.0	P. T. at 12.35 and R. T. at 18.15.
12th "	56.8	"	"	13.30	55.85	56.85	P. T. at 13.45.

Notable high and low water levels of previous years.

27th August	1908	"	"	"	70.6	Taken at high tide.
5th September	1909	"	"	"	67.85	
10th August	1910	"	"	"	69.85	
1st "	1911	"	"	"	68.45	
13th "	1912	"	"	"	67.15	
31st "	1913	"	"	"	69.7	
18th "	1914	"	"	"	68.1	
13th "	1917	"	"	"	67.1	
31st "	1918	"	"	"	69.13	
23rd February	1907	"	"	"	51.05	Taken at low tide.
13th "	1908	"	"	"	51.05	
12th March	1913	"	"	"	51.05	
6th "	1914	"	"	"	50.60	
22nd February	1915	"	"	"	50.80	
15th "	1916	"	"	"	50.80	
3rd March	1917	"	"	"	51.0	
21st February	1918	"	"	"	51.40	

DACCA,
The 17th June 1920.

A. F. L. H. HARRISON,
Executive Engineer, Dacca Division.

IRRIGATION DEPART

Statement showing heights over mean sea-level and low water in the April 1920, and the highest reading of each gauge over

RIVER GAUGES											
Date.	Mirzapore. Zero of gauge 204'72 ft.		Benares. Zero of gauge 198'00 ft.		Buxar. Zero of gauge 167'45 ft.		Dinapore. Zero of gauge 124'72 ft.		Monghyr. Zero of gauge 101'68 ft. (a)		Distance in miles.
	From Allahabad, 28.	From Allahabad, 124.	From Allahabad, 28.	From Allahabad, 124.	From Benares, 90.	From Benares, 177.	From Benares, 87.	From Benares, 177.	From Benares, 287.	From Benares, 116.	
Highest gauge reading.	2nd September 1918. 245'97.	2nd September 1918. 244'20.	2nd September 1918. 244'20.	2nd September 1918. 244'20.	2nd and 4th September 1918. 202'96.	2nd and 4th September 1918. 202'96.	2nd September 1901. 100'72.	2nd September 1901. 100'72.	2nd September 1901. 100'72.	2nd September 1901. 100'72.	
Lowest gauge reading.	29th June 1897. 187'80.	1st May 1877. 187'80.	1st May 1877. 187'80.	1st May 1877. 187'80.	10th to 14th May 1914. 160'80.	10th to 14th May 1914. 160'80.	20th April 1912. 130'72.	20th April 1912. 130'72.	20th April to 4th May 1914. 98'00.	20th April to 4th May 1914. 98'00.	
	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	
1*	2	3	4	5	6	7	8	9	10	11	12
1st	...	5'17	211'39	0'75	196'05	2'67	170'22	5'90	140'13	2'53	99'30
2nd	...	5'17	211'39	0'75	196'05	2'67	170'22	5'10	140'33	2'53	99'30
3rd	...	5'17	211'39	0'83	195'97	2'67	170'22	5'10	140'33	2'53	99'30
4th	...	5'17	211'39	0'83	195'97	2'67	170'22	5'10	140'33	2'53	99'30
5th	...	5'17	211'39	0'83	195'97	2'58	170'13	5'10	140'33	2'53	99'30
6th	...	5'17	211'39	0'75	196'05	2'58	170'13	5'10	140'33	2'53	99'30
7th	...	5'17	211'39	0'75	196'05	2'58	170'13	5'10	140'33	2'53	99'20
8th	...	5'17	211'39	0'67	196'13	2'58	170'13	5'10	140'33	2'63	99'20
9th	...	5'17	211'39	0'67	196'13	2'58	170'13	5'00	140'23	2'63	99'20
10th	...	5'17	211'39	0'75	196'05	2'50	170'05	5'00	140'23	2'63	99'20
11th	...	5'12	211'34	0'75	196'05	2'50	170'05	5'30	140'03	2'63	99'20
12th	...	5'12	211'34	0'83	195'97	2'50	170'05	5'40	139'03	2'63	99'20
13th	...	5'12	211'34	0'92	195'88	2'50	170'05	5'40	139'63	2'73	99'10
14th	...	5'12	211'34	0'92	195'88	2'50	170'05	5'50	139'73	2'53	99'30
15th	...	5'08	211'30	0'92	195'88	2'42	169'97	5'50	139'73	2'53	99'30
16th	...	5'08	211'30	1'00	195'80	2'42	169'97	5'50	139'73	2'53	99'30
17th	...	5'04	211'26	1'00	195'80	2'42	169'97	5'50	139'73	2'53	99'30
18th	...	5'04	211'26	1'08	195'72	2'42	169'97	5'50	139'73	2'63	99'20
19th	...	5'04	211'26	1'08	195'72	2'42	169'97	5'50	139'73	2'63	99'20
20th	...	5'00	211'22	1'17	195'63	2'33	169'88	5'50	139'73	2'63	99'20
21st	...	5'00	211'22	1'17	195'63	2'33	169'88	5'50	139'73	2'73	99'10
22nd	...	4'96	211'18	1'17	195'63	2'33	169'88	5'40	139'63	2'73	99'10
23rd	...	4'96	211'18	1'17	195'63	2'33	169'88	5'40	139'63	2'73	99'10
24th	...	4'96	211'18	1'17	195'63	2'33	169'88	5'20	139'43	2'73	99'10
25th	...	4'92	211'14	1'17	195'63	2'33	169'88	5'20	139'43	2'63	99'20
26th	...	4'92	211'14	1'17	195'63	2'42	169'97	5'00	139'23	2'63	99'20
27th	...	4'92	211'14	1'25	195'55	2'42	169'97	5'00	139'23	2'63	99'20
28th	...	4'87	211'09	1'33	195'47	2'42	169'97	5'00	139'23	2'73	99'10
29th	...	4'83	211'05	1'50	195'30	2'42	169'97	5'00	139'23	2'73	99'10
30th	...	4'83	211'05	1'42	195'38	2'33	169'88	5'00	139'23	2'73	99'10

* New gauge fixed at Rajmahal from 1st June 1910 in place of the gauge at Sahibganj. The zero of gauge at Rajmahal again 55'46 ft. above M.S.-L. from 10th February 1916 to 15th June 1918. From the 16th June 1918 to 6th April 1920 it is 56'31 ft. above M.S.-L.

† To compare the reduced levels shown in these monthly printed statements before and after the 1st June 1908, 5'76 ft. (October 1908).

(a) A new gauge fixed at Monghyr on 16th July 1914.

(b) From the 1st November 1915 the zero of gauge was 2'48 ft. above M.S.-L. Previous to that the zero was at M.S.-L. zero is 1'00 ft. above M.S.-L.

(c) From the 15th January 1916 to 4th

1919 the zero of gauge at Berhampur was 80'99 ft. above M.S.-L. From the 25th October 1916 a temporary wooden gauge with its zero at 49'00 ft. above M.S.-L. was erected at 2nd June 1919. From 4th June 1919 the zero is 1'51 ft. above M.S.-L.

(d) Gauge shifted from Sabik Goleendo to Fakirabad from 30th June 1919.

The 14th June 1920.

MENT, BENGAL.

Rivers Ganges, Bhagirathi, Jalangi and Brahmaputra for the month of M.S.L. as well as the lowest gauge-reading since 1876.

Rajmahal. Zero of gauge 10'51 ft.		Bampur-Boalia. Zero of gauge 1'41 ft. (d).		Goswami. (e) Zero of gauge 4'98 ft.		Rajmahal. Zero of gauge 6'43 ft. (c)		Rajmahal. Zero of gauge 1'43 ft.		Rajmahal. Zero of gauge 1'43 ft.	
From Bampur 407.	From Monghyr 170	From Bampur 411.	From Rajmahal 46.	From Bampur 411.	From Rajmahal 190.						
18th August 1913. 50'46.		26th August 1913. 50'34.		26th August 1904 and 14th September 1913. 50'34.		18th August 1900. 64'70.		24th September 1900. 55'35.		24th August 1900. 131'11.	
2nd May 1910. 44'63.		27th April 1906. 57'25.		27th March 1910. 57'25.		19th to 24th April 1917. 57'40.		27th March 1916. 57'15.		25th February 1905. 143'40.	
Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.
13	14	15	16	17	18	19	20	21	22	23	24
2'40	58'719	34'74	35'25	8'10	12'994	1'35	33'849	2'85	4'359	3'90	139'08
2'50	58'819	34'74	35'25	8'80	13'196	1'35	33'849	3'06	4'569	3'80	138'98
2'55	58'869	34'69	35'20	8'60	13'496	1'35	33'849	3'34	4'849	3'70	138'88
2'60	58'919	34'69	35'20	8'80	13'696	1'35	33'849	3'28	4'789	3'90	138'08
2'60	58'919	34'69	35'20	8'70	13'596	1'35	33'849	3'22	4'729	3'80	138'08
2'55	58'869	34'64	35'15	8'70	13'596	1'35	33'849	3'27	4'779	4'70	139'98
2'55	58'869	34'64	35'15	8'90	13'796	1'35	33'849	3'21	4'719	5'10	140'28
2'55	58'869	34'64	35'15	9'00	13'896	1'35	33'849	3'02	4'529	4'50	139'68
2'55	58'869	34'64	35'15	8'90	13'796	1'35	33'849	2'82	4'329	4'20	139'18
2'55	58'869	34'64	35'15	8'60	13'496	1'35	33'849	3'62	4'129	3'90	139'08
2'60	58'919	34'64	35'15	8'40	13'296	1'35	33'849	2'48	3'989	4'00	139'18
2'55	58'869	34'64	35'15	8'10	12'996	1'35	33'849	2'46	3'969	4'20	139'38
2'60	58'919	34'59	35'10	7'90	12'796	1'35	33'849	2'52	4'029	4'40	139'58
2'60	58'919	34'59	35'10	7'90	12'796	1'35	33'849	2'51	4'019	4'50	139'68
2'65	58'969	34'59	35'10	7'90	12'796	1'35	33'849	2'85	3'859	4'60	139'78
2'70	59'019	34'57	35'08	7'90	12'796	1'35	33'849	2'57	4'079	4'80	139'98
2'70	59'019	34'49	35'00	8'60	13'496	1'35	33'849	2'95	4'459	4'60	139'68
2'70	59'019	34'49	35'00	8'90	13'796	1'35	33'849	3'54	5'049	4'00	139'18
2'70	59'019	34'44	35'95	9'00	13'896	1'35	33'849	3'72	5'229	3'60	138'78
2'65	58'969	34'39	35'90	9'10	13'996	1'30	33'799	3'96	5'469	3'20	138'38
2'60	58'919	34'39	35'90	9'10	13'996	1'30	33'799	3'84	5'349	3'00	138'18
2'60	58'919	34'34	35'85	9'10	13'996	1'30	33'799	3'93	5'439	2'90	138'08
2'60	58'919	34'34	35'85	9'10	13'996	1'30	33'799	3'86	5'369	4'40	139'58
2'65	58'969	34'34	35'85	9'00	13'896	1'30	33'799	3'72	5'229	6'70	141'88
2'65	58'969	34'34	35'85	8'80	13'696	1'30	33'799	3'45	4'959	7'30	142'18
2'70	59'019	34'34	35'85	8'80	13'696	1'30	33'799	3'37	4'879	7'90	143'08
2'70	59'019	34'29	35'80	8'60	13'496	1'30	33'799	3'46	4'969	7'90	143'08
2'75	59'069	34'29	35'80	8'90	13'796	1'30	33'799	3'58	5'089	7'30	142'48
2'75	59'069	34'34	35'85	9'20	14'096	1'30	33'799	3'19	4'689	6'70	141'88
2'80	59'119	34'44	35'95	9'70	14'596	1'30	33'799	2'97	4'479	6'90	142'08

was 56'40 ft. above M.S.L. up to 26th October 1915 and 56'00 ft. above M.S.L. from 27th October 1915. The zero was 56'41 ft. above M.S.L. from 7th to 15th April 1919 it was 56'82 ft. above M.S.L., and from 16th April 1919 it was 56'82 ft. above M.S.L. (vide Bengal Government letter No. 1063T.1., dated the 12th

dating back 15th July 1897. Zero was at M.S.L. from 1st April 1915 to 18th April 1919. Again from 14th April 1919 to

15th April 1919 the zero is 52'499 ft. above M.S.L. Bampur-Boalia in place of the permanent gauge washed away. The zero of gauge was at M.S.L. from 25th June 1919, till

G. J. ST. O. SEDGLEY,

Under-Secy. to the Govt. of Bengal.

**List of prices of articles of food at Calcutta during the week ending
Saturday, the 21st June 1920.**

Names of articles.	WHOLESALE PRICE PER MAUND.		RETAIL PRICE PER SEER.	
	From—	To—	From—	To—
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rice—				
Balam, coarse	8 0 0	8 8 0	0 3 6	0 3 9
" medium	8 12 0	9 8 0	0 4 0	...
Patnai, coarse	8 4 0	8 14 0	0 3 6	...
" medium	9 0 0	9 8 0	0 3 9	0 4 0
Nagra, coarse	8 4 0	8 10 0	0 3 6	...
" medium	8 12 0	9 2 0	0 3 9	0 4 0
Dudhkalma	8 4 0	...	0 3 9	...
Rangoon Boiled	...	...	0 3 3	0 3 6
Kajla	7 8 0	7 10 0	0 3 3	...
Wheat, Dudhia	6 12 0	...	...	...
" Gangajali	...	...	...	...
" Jamali	6 2 0	...	...	...
Gram, Patnai (whole)	6 4 0	6 10 0	0 2 9	0 3 0
" dal	8 0 0	8 8 0	0 3 0	0 4 0
Mung " (Hari)	6 8 0	7 0 0	0 4 0	...
" " (Krishna)	7 12 0	8 0 0	0 5 0	0 6 0
Arhar " "	9 0 0	10 0 0	0 4 0	0 5 0
Masur " (Split)	6 8 0	7 0 0	0 3 0	0 3 6
" " (Khanri)	9 8 0	10 0 0	0 4 0	...
Kalai " "	8 0 0	8 8 0	0 3 0	0 3 6
Salt	2 15 6	3 6 0	0 1 9	...
Sugar (Brown Java)	35 0 0	37 0 0	0 13 0	0 14 0
Gur, Bheli	...	...	0 6 0	...
" Bhursut	12 0 0	...	0 6 0	...
" Date	...	...	...	...
Milk	8 0 0	11 0 0	0 3 0	0 5 0
Mustard Oil	24 0 0	27 8 0	0 11 0	0 14 0
Flour (Country)	8 12 0	9 6 0	0 3 9	0 4 0
Atta, No. 3	5 12 0	...	...	...
" " 2½	6 4 0	...	0 3 0	0 4 0
" " B	9 8 0	...	...	...
Suji	9 0 0	9 8 0	0 4 6	0 5 0
Ghee (Bhadwa, Maiki, etc.)	100 0 0	102 0 0	2 12 0	...
" (Patiram, Khurja, Ruto, Etwa, better kind, etc.)	96 0 0	98 0 0	2 10 0	...
" (Lalli, Etwa, Sagar, etc.)	93 0 0	95 0 0	2 8 0	...
Maize	4 4 0	5 0 0	...	...
Potatoes	5 8 0	6 8 0	0 2 3	0 3 6
Patal	3 0 0	6 8 0	0 2 0	0 3 0
Brinjal	Not in the market.	...	0 1 6	0 2 6
Onion	2 4 0	2 8 0	0 1 6	...
Fish (Rahu)	30 0 0	25 0 0	0 12 0	0 14 0
Mutton (2nd class)	...	...	0 10 0	...
Beef (2nd and 3rd classes)	...	...	0 8 0	0 5 0

N.B.—This is an abstract of prices at the following markets:—

Wholesale.—Chella Bazar, Ramkrishnapur Hat, Sealdah Fish and Milk Markets, Posta Bazar.

Retail.—Sir Stuart Hogg Market, Orphananj Market, Sova Bazar, Nutan Bazar, Raja Babu's Bazar, Kareya Bazar, Talto Bazar, Mullick Bazar, Jagu Babu's Bazar.

S. N. GHOSH,

for Commissioner, Presidency Division.

CALCUTTA, the 21st June 1920.